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Instructive Guide

**Vegetable and Flower
Gardening**

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U.S. Department of Agriculture

**Lawn Grasses, Insecticides,
Field Seed, Etc.**

The
Wood Stubbs Co.
Incorporated
Louisville, Kentucky

*Don't move into the dark,
Stay in the clear with us.*

Vegetable Seed Trials



Large Estates

LAWN GRASS SEED

for
Every Need

Our Quality
Extraordinary has
increased the demand
each year

**Fancy Kentucky
Blue Grass**

Blue Ribbon Evergreen

Will produce a grassy carpet of beautiful green within four weeks from sowing will be ready for cutting. This celebrated lawn grass mixture has been tried, tested and used for more than a quarter of a century. Large estates, parks and cemeteries have shown approval year after year by increased quantities purchased for added areas. This mixture is a result of years of testing and proving the proper proportions of different grasses to be used. Every variety of grass seed used in this mixture is bought as the cream of the crop, thoroughly tested, re-cleaned and approved before using. Imperfect and inferior quality will not be accepted for use at any time. The grasses making up this wonderful lawn mixture are fine leaved dwarf and spreading in their habits. They will not start making an uneven turf. An even smooth and velvety green lawn is the envy of everyone. It is desired by all home owners and can be had by all. Use Blue Ribbon Evergreen Lawn Grass Seed this year and secure excellent results. We recommend it to you knowing that you cannot purchase better seed anywhere. We are vitally interested in supplying you unexcelled quality grass seeds for your lawn.

Prices postpaid, delivered anywhere—1 lb., 60c; 5 lbs., \$2.75; 20 lbs., \$10.00.

Prices over the counter—1 lb., 55c; 5 lbs., \$2.50; 20 lbs., \$9.00.

White Clover—For lawn purposes—Extra fancy for lawns. 1 lb., 75c; 5 lbs., \$3.50; postpaid. At buyer's expense: 1 lb., 65c; 5 lbs., \$3.00.

Shady Green Lawn Grass Mixture

This grass mixture is especially prepared from low growing dwarf grass which grows thoroughly in partially shaded places or sheltered spots. They will grow nicely under similar conditions elsewhere when given the same opportunity. There is no grass or grasses that will grow luxuriantly under trees with low hanging branches or between houses, or in some rank soil conditions. There must be air and surface drainage if there is to be success. Under surface rooted trees that have been trimmed up to allow the sun to peep in once in a while, a fertilizer must be used to maintain the grass growth. Sufficient quantity must be supplied to satisfy the tree as well as the grass. The impossible cannot be done in the shaded places with grass seed. We recommend our shaded grass mixture with the foregoing limitations. If a beautiful low and developing branched tree in your lawn is a tractive, encourage it to grow branches to hug the ground, and grow beautiful grass around it to contrast the different colored greens. Prices—1 lb., 60c; 5 lbs., \$2.75; 20 lbs., \$10.00. Delivered anywhere.

Prices over the counter only—1 lb., 55c; 5 lbs., \$2.50; 20 lbs., \$9.00.

FAMOUS THE WORLD OVER.

Grown in the state from which it derives its name. This famous grass will acclimate itself almost anywhere. It is the basis for nearly all lawn grass seed mixtures. It grows in the far north as well as in the south. It might be called the Universal Lawn Grass Seed. It is low growing in its habits spreading from its creeping roots to shoot up new stalks. Nothing can be more beautiful than a Kentucky Blue Grass Lawn. Visitors to our state come for miles to see the famous Ky. Blue Grass Pastures. It is truly a sight not to be forgotten. When once it is firmly established there is nothing more attractive. It is truly a perennial grass as it increases in spread and density from year to year. It will reseed itself if allowed to stand. There is no grass that will crowd it out when once established. Beautiful lawns throughout the civilized world are seeded with Kentucky Blue Grass. This wonderful grass is sold in many qualities. Buy it in the heavy weight seed and do not think you are getting a bargain when you buy a large size bag full weighing a pound. Do not accept chaff—The best is the cheapest even when the price hurts. Price—1 lb., 60c; 5 lbs., \$2.75; 14 lbs., \$7.70. Delivered anywhere.

Price over counter—1 lb., 55c; 5 lbs., \$2.50; 14 lbs., \$7.00.



Country and Golf Clubs

Consult Index for
other Fancy
Grass Seed

How to Make and Keep a Lawn Beautiful

The lawn provides the setting for the house and for all plantings of shrubs and flowers. Therefore, the development of a fine turf, one that is rich, velvety, green and weedless, is the first essential in creating a beautiful piece of property.

The two types of lawns most generally popular are bluegrass and bent grass. Bent grass, particularly creeping bent, makes a lawn as lovely as the putting green of a golf course, if it receives constant attention, but it becomes intolerable under neglect. Bluegrass makes a beautiful, hardy lawn and one that needs very little attention, except for the occasional application of plant food.

To Make a New Lawn: The first step in developing a new lawn is to make sure that its foundation is good. There should be at least four inches of good rich top soil on which to build the lawn. Most failures of new lawns are due to the fact that they are built on the clayey subsoil cast to the surface when the house foundations are dug. When excavating for new houses is being done, the topsoil should be placed in a pile by itself and reserved until time to make the lawn. Four inches of this topsoil should make a satisfactory basis for a rich, velvety turf.

In sections where the topsoil contains much clay or sand, sufficient loam should be added to make a fifty per cent mixture.

To Rebuild Old Lawns: When the lawn is in very bad condition the best procedure is to have enough good topsoil hauled in to make a covering about three inches deep over the entire surface. However, there are many instances when a thin application of topsoil will suffice. It may be added by sifting or spreading it over the lawn, with special attention to bare spots. If this is done several times during the growing season a good basis for turf can be built up without the necessity of plowing or spading the surface under and starting anew. One



Palatial Homes

advantage of this method is that it eliminates the unattractive "no lawn" period which cannot be avoided with other processes.

Seeding the Lawn: A great deal of seed, sold as grass seed, contains a very high percentage of weed seed, chaff, bottom timothy and other undesirable ingredients. It is highly important to obtain the best obtainable grass seed. Most experts sug-

Seeding New Lawns: New lawns can be seeded any month except June and July.

The surface of a new lawn should be prepared for seeding by raking. This provides a rough surface on which the seed may lodge. Sow the seed by hand, distributing it as evenly as possible. Then roll carefully and water. Rolling is very important. It often means the difference between success and failure in obtaining rich, velvety, smooth lawns.

Reseeding: Experts have found that, except on bare spots, the reseeding of established lawns is impractical and expensive. Where there is any kind of a stand of grass, the same amount of time and money spent

on a well balanced lawn fertilizer gives far better results than reseeding.

SUCCESS BY FERTILIZATION

The quickest, easiest and most economical method of building a beautiful lawn is by using **Butylizer**, because it is a scientifically prepared, concentrated plant food, especially adapted to produce healthy growth of smooth, velvety lawns and shrubs, flowers and gardens. **Butylizer** contains all the essentials necessary for luxuriant plant, fruit and flower growth. It stimulates the plants with surprising energy and vitality, and gardens begin producing and flowers blossoming earlier when provided with this quality plant food.

The amount of **Butylizer** to be used on a lawn varies with conditions. As a rule, about 30 to 40 pounds per 1000 square feet is sufficient. **Butylizer** can be spread by hand, as grass seed is sown, until the lawn looks as if it had been heavily dusted. It should be sprinkled down immediately after spreading to prevent any possible burning of the grass.

Butylizer is an ideal lawn fertilizer. It contains everything necessary for the healthy growth of the grass plants, providing essential elements that discourage weeds, and others that develop that rich, dark, green, velvety appearance which every home-owner loves. Another reason why **Butylizer** is the ideal plant food for the lawn is that the formula under which it is constructed is such that these elements do not all become available at once, thereby exhausting the supply, but remain in the soil for a period of several months providing that necessary nourishment for the grass over the entire growing season—feeding it regularly—continuously.

Prices, 5 lbs., 50c; 25 lbs., \$2.25; 100 lbs., \$6.00.



Play Grounds



General Instructions to Customers

All quotations, unless otherwise stated, are F. O. B. Louisville, Ky.

Seeds By Parcel Post—We deliver free to all points in the United States by Parcel Post or Express to any express office at our option all Vegetable and Flower Seeds in packets, ounces, $\frac{1}{4}$ lb., $\frac{1}{2}$ lb., 1 lb. Purchasers pay transportation charges on larger quantities of seeds and other merchandise unless otherwise specified and noted in the price blocks.

How To Send Money—Remittance should be made either in the form of Express Money Order, Post Office Order, Bank Draft or Registered Mail. We accept **personal check** without cost or exchange to our customers. One and two-cent stamps will be accepted for small amounts, provided they are carefully wrapped so as not to soil and stick together. Cash can be sent by registered mail and a receipt returned you by a Post Office. You run absolutely no risk in sending us money, as we are well known and have been engaged in the seed business for many years. As to our financial responsibility you can ask any bank or trust company in Louisville or refer to the mercantile agencies.

Delivery Guaranteed—We will guarantee the safe arrival of all goods by insured Parcel Post. All packages lost will be replaced promptly and without cost to you.

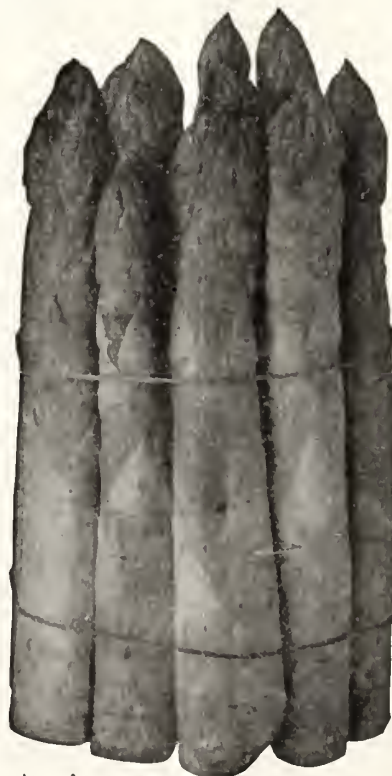
Damage Claims—We collect Express and Freight Damage Claims for you FREE of cost. This takes time and money, but this service is free to all users of Blue Ribbon Seeds.

C. O. D. Orders—No orders for perishable goods will be sent C. O. D. All other items can be forwarded

C. O. D. for goods and postage, approximate one-third of amount must be remitted in advance.

Accounts—Parties having no charge accounts with us and who order goods without remittance must furnish satisfactory references before goods will be shipped.

Testimonials—We are always pleased to hear from our customers regarding satisfactory results obtained with Blue Ribbon Seeds. Photographs especially of vegetables and vegetable gardens will be gratefully received.



Washington Asparagus

NON-WARRANTY

We give no warranty, express or implied, as to description, purity, productiveness, or any other matter of any seeds, plants or bulbs we sell, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned. WOOD STUBBS CO., Inc.

Artichoke

One ounce will sow 100 feet of row, and produce about 500 plants.

A rich, sandy loam is best adapted for this plant. The seed should be sown in drills $1\frac{1}{2}$ inches deep and 1 foot apart. Transplant to rows 3 feet apart. They reach maturity the second year. Protect in Winter by a covering of leaves or coarse manure.

Large French Globe. Heads large, fleshy and of rich flavor. Pkt. 10c., Oz., 50c., $\frac{1}{4}$ lb., \$1.25 Postpaid.

Asparagus

One ounce will produce about 200 plants.

Sow in Autumn or in Spring as soon as the soil is in good working condition. At one or two years transplant to permanent beds.

Conover's Colossal. Very prolific and tender, Pkt. 10c, Oz. 20c, $\frac{1}{4}$ lb. 45c Postpaid.

Palmetto. A fine variety, producing large, green Asparagus, Pkt. 10c, Oz. 20c, $\frac{1}{4}$ lb. 45c Postpaid.

Washington. A rust resistant variety, with long, dark green stalks. Pkt. 10c, Oz. 50c, $\frac{1}{4}$ lb. \$1.50 Postpaid.

It requires 100 plants for a single row of 150 feet.

Asparagus Roots

TWO YEAR-OLD ROOTS

Palmetti.	12	100	1000
Large, bright green..	\$0.20	\$2.00	\$15.00
Conover's Colossal.			
Deep green .....	.20	2.00	15.00
Columbian Mammoth.			
White .....	.20	2.00	15.00
Washington.			
Dark green .....	.50	2.00	15.00

Beans

Beans like a well drained, rich and light loam. Plant about the middle of April when warm and favorable, and at intervals throughout the season for a succession, until the latter part of August. Bush varieties should be planted in drills 2 feet apart, and from two to six plants to the foot in a row. Keep them well cultivated and draw the earth up to the stem. For String Beans gather the pods clean as soon as fit for use. The plants will remain all the longer in bearing.

Dwarf Shell Beans

	Pkt.	½ lb.	1 lb.	2 lbs.	By Express or Freight	Not Prepaid			
Boston Pea or Navy. Used when dry for cooking purposes	10c	20c	25c	\$0.50	20c	40c	\$0.80	\$2.00	\$7.80
Red Kidney. Similar to White Kidney, except the beans are deep red	10c	20c	30c	.55	20c	40c	1.00	3.00	11.90
White Kidney. Excellent Shell, or String Bean	10c	20c	30c	.55	20c	40c	1.00	3.00	11.90
White Marrow. For use in a dry state in Winter, or as a String Bean	10c	20c	30c	.55	20c	40c	1.00	3.00	11.90

Wax Podded Bush Beans

	Pkt.	½ lb.	1 lb.	2 lbs.	By Express or Freight	Not Prepaid			
Davis White Wax	10c	25c	40c	80c	30c	60c	1.30	3.75	15.00
Dwarf Golden Wax	10c	25c	40c	80c	30c	60c	1.30	3.75	15.00
Wardwells Kidney Wax	10c	20c	35c	70c	25c	45c	1.10	3.10	12.00

Dwarf Green-Podded Snap Beans

One quart will plant 150 ft. of drill.

Black Valentine. Long, round, solid green pods; very early.

Bountiful. Early, very prolific and long bearing; flat, green pods, tender and stringless.

Extra Early Red Valentine. One of the earliest. Round, thick, solid pods.

Full Measure. A fine stringless bean with round, straight, green pods.

Giant Stringless Green Pod. This Bean is absolutely stringless. The pods are round and full.

Stringless Green Pod (Burpee's). An early, round, green-podded Bean; stringless, remains tender and crisp.

Dwarf Horticultural or Italian. An old standard snap and shell variety. The pods long, well filled, and tender, are splashed with red. Used largely for green shelled beans which are ready for use quite early.

Tenn. Green Pod. Extra early, hardy and prolific; and for these reasons very popular in the south. Pods long, broad, flat, irregular, nearly stringless and of fine flavor.

	Pkt.	½ lb.	1 lb.	2 lbs.	By Express or Freight	Not Prepaid			
Early Red Valentines	10c	20c	35c	70c	25c	45c	\$1.10	\$3.10	\$12.00
Black Valentines	10c	20c	35c	70c	25c	45c	1.10	3.10	12.00
Bountiful	10c	25c	45c	90c	35c	60c	1.30	3.75	15.00
Burpee's Stringless	10c	25c	40c	80c	30c	45c	1.10	3.10	12.00
Dwarf Horticulture (Italian)	10c	20c	30c	60c	20c	35c	.80	2.25	9.00
Giant Stringless	10c	25c	35c	70c	25c	45c	1.10	3.10	12.00
Tennessee Green Pod	10c	20c	35c	70c	25c	45c	1.10	3.10	12.00
Full Measure	10c	25c	45c	90c	35c	60c	1.35	3.80	13.20

Blue Ribbon Pole or Corn Field Beans

	Pkt.	½ lb.	1 lb.	2 lbs.	By Express or Freight	Not Prepaid			
Kentucky Wonder Pole	10c	20c	35c	70c	25c	45c	\$1.10	\$3.10	\$12.00
Horticultural Pole	10c	20c	35c	70c	25c	45c	1.10	3.10	12.00
Lazy Wife	10c	20c	35c	70c	25c	50c	1.20	3.35	13.20
McCaslen Pole	10c	20c	35c	70c	25c	50c	1.20	3.35	13.20
Red Speckled Cutshort	10c	20c	35c	70c	25c	50c	1.20	3.35	13.20
Fat Horse or Creaseback	10c	20c	35c	70c	25c	50c	1.20	3.35	13.20
White Seeded Kentucky Wonder	10c	25c	40c	80c	30c	60c	1.35	3.85	15.00
Kentucky Wonder Wax	10c	25c	40c	80c	30c	60c	1.35	3.85	15.00
Golden Cluster Wax	10c	25c	40c	80c	30c	60c	1.35	3.85	15.00
Striped Creaseback or Nancy Davis	10c	20c	35c	70c	25c	45c	1.10	3.10	12.00



Burpee Stringless

Dwarf Wax-Podded Beans

Davis' White Kidney Wax. Long waxy white; flat pods.

Golden Wax, Improved. Very early; flat pods, long stringless.

Wardwell's Kidney Wax. Early; long straight, flat, wax stringless pods.

Pole String Beans

Blue Ribbon, Ky. Wonder, or old Homestead—Hardy, vigorous and of exceeding fine flavor. The pods are 8 to 9 inches long; stringless when young.

Horticultural Pole, October or Speckled Cranberry—Used for both green and shell beans. Pods 5 to 6 inches long, straight, flat, stringless. Color dark green, splashed with red. Sometimes known as "Wren's Egg."

Lazy Wife—Used for green or shelled beans. Pods are thick, fleshy and entirely stringless.

McCaslen Pole Bean—Pods extremely long and well filled; stringless.

Red Speckled Cutshort or Cornfield—Pods long, stout, straight grained and light green in color.

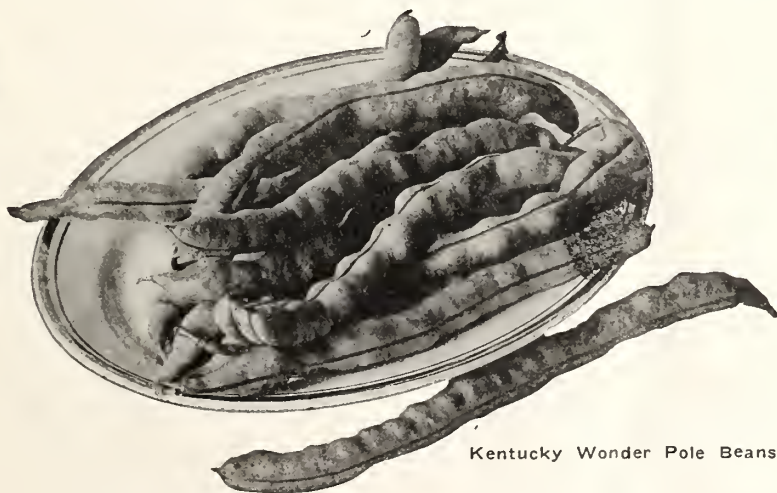
Fat Horse or Creaseback—Pods, round, slender and brittle. Beans white, pods light green in color.

Kentucky Wonder Pole Wax—Pods, long, thick and decidedly creasebacked, very fleshy, brittle, but stringy. Color, light yellow.

Striped Creaseback—Svotia, or Nancy Davis. A green-podded cornfield bean. The pods are very fleshy.

White Seeded Ky. Wonder—Similar to the Ky. Wonder except the beans are of different shape and white.

Golden Cluster Pole Wax—Very early, prolific, tender and of excellent flavor.



Kentucky Wonder Pole Beans





Large Pole Lima

Pole Lima Beans

Sow from the 1st of May (for all except Limas) to the latter part of May, in hills 4 feet each way. Limas should not be planted until warm weather has fairly set in. One quart of Limas will plant about 100 hills, allowing four or five beans to a hill, and of the smaller sorts about 2000 hills. Poles 8 to 10 feet long should be firmly set in the hills before planting seeds. Set poles 4 feet apart each way, and plant 4 to 6 beans about 1 inch deep around each pole. Thin out to three plants to a pole if the soil is rich; pinch off the ends of plants when they overrun the top of the poles, to effect more perfect growth below.

Carpenteria Lima. The beans have a greenish tint; vines vigorous and very productive. A perfect Lima bean.

Extra Early Jersey Lima. This variety is ten days earlier than the ordinary variety, while it is equal in flavor and productivity.

Large White Lima. One of the best shell beans grown. Matures in 90 days; very popular. Our seeds of this variety are extra selected.

Giant-Podded Pole Lima. A rapid growing, very large podded variety. The beans are extra large and thicker than any other pole Lima.

King of The Garden. An improved strain of large white Lima. Produces very large pods.

Small Pole Lima or Butterbeans. Also called Sieva or Carolina. Not nearly so large as the other limas, but a good bearer and about ten days earlier than other varieties.

PRICES: POLE VARIETIES: LIMA BEANS

	Pkt.	By Mail Postpaid				Express or Freight Not Prepaid				
		½ lb.	1 lb.	2 lbs.		1 lb.	2 lbs.	5 lbs.	15 lbs.	60 lbs.
Carpenteria	\$0.10	\$0.25	\$0.40	\$0.80		\$0.30	\$0.60	\$1.35	\$3.85	\$15.00
Extra Early Jersey .....	.10	.25	.40	.80		.30	.60	1.35	3.85	15.00
King of Garden .....	.10	.25	.40	.80		.30	.60	1.35	3.85	15.00
Large White Pole Lima ..	.10	.25	.40	.80		.30	.60	1.35	3.85	15.00
Giant Podded .....	.10	.25	.40	.80		.30	.60	1.35	3.85	15.00
Small Pole of Butterbean..	.10	.25	.40	.80		.30	.60	1.35	3.85	15.00

Dwarf, or Bush Lima Beans

New Improved Bush Lima. A bush form of the large, flat Pole Lima.

Fordhook Bush Lima. It is of erect habit; Beans very large and heavy cropper.

Burpee's Bush Lima. Dwarf or bush of the large white pole variety.

Henderson's Bush Lima, or Dwarf Sieva. Very early small type with pods about 3 in. long.

DWARF OR BUSH LIMA BEANS

	Pkt.	By Mail Postpaid				Express or Freight Not Prepaid				
		½ lb.	1 lb.	2 lbs.		1 lb.	2 lbs.	5 lbs.	15 lbs.	60 lbs.
New Improved Bush Lima	\$0.10	\$0.25	\$0.50	\$1.00		\$0.35	\$0.70	\$1.65	\$4.60	\$18.00
Burpees Bush Lima .....	.10	.25	.50	1.00		.35	.70	1.65	4.60	18.00
Fordhook Bush Lima .....	.10	.30	.50	1.00		.45	.90	1.90	5.35	21.00
Henderson's Bush Lima..	.10	.20	.35	.70		.25	.45	1.00	2.80	10.80

Beet

One ounce will sow 150 feet of drill.

For early supply sow as soon as the ground is in working order, in drills 1 foot apart and 2 inches deep. For main crop sow the second week in May, and for Winter use sow in June. When the plants are well forwarded thin out to about 9 inches apart. The young Beets, with their tops, pulled out of the row, are excellent used as Spinach.

	Oz.	By mail postpaid	
		¼ lb.	Lb.
Early Blood Turnip. The leading early sort; also fine for late use ...	\$0.15	\$0.25	\$0.75
Early Eclipse. Very early; dark blood color; small top .....	.15	.25	.75
Extra Early Egyptian. The best for first crop out of doors. The root is very dark red, flat .....	.15	.25	.75
Crosby's Egyptian. Extra early, round, dark red .....	.15	.25	.75
Detroit Dark Red Turnip. Round; skin dark blood red; flesh bright red .....	.15	.25	.70
Long, Smooth Blood. A prolific variety, very dark in color .....	.15	.25	.70
Model Globe. A perfect globe shaped variety .....	.15	.25	.70

Swiss Chard

Postpaid
Oz. ¼ lb. Lb.

Swiss Chard. The roots of this variety are no value, but the leaves are superior to those of the ordinary Beet and excellent as greens\$0.10 \$0.25 \$0.75

Swiss Chard, Giant Lucullus. An improved variety .10 .25 .75

All beets in 5 lb. lots deduct 25c per pound.

Mangel-Wurzel and Sugar Beet

Sow 6 to 8 pounds per acre.

Postpaid
¼ lb. Lb.

Golden Tankard. An enormous yielder per acre. Flesh deep yellow\$0.20 \$0.50

Mammoth Long Red. The largest and heaviest cropper of all the Mangels20 .50

Half Sugar. Large oval bronze green roots20 .50

Broccoli

(For Cultural Directions, see Cauliflower).

All Postpaid
Pkt. Oz. ¼ lb.

Italian Heading. Heads compact and of a creamy white color\$0.25 \$1.50 \$4.50

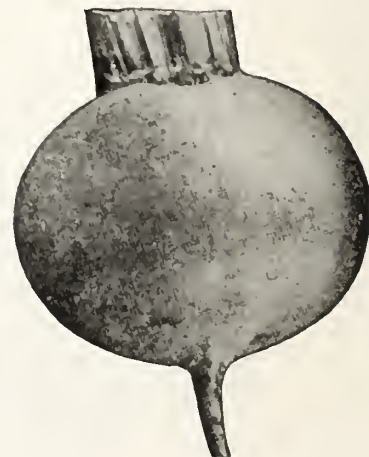
Brussels Sprouts

One ounce will produce about 2000 plants.

Sow in May in shallow drills 1 inch deep and 12 inches apart; transplant in July. A very hardy, delicious vegetable which should find a place in every garden; greatly improved by hard frosts. All postpaid.

Postpaid
Pkt. ½ oz. Oz. ¼ lb.

Perfection. Solid round, sprouts of the best quality ...\$0.10 \$0.30 \$0.60 \$2.00



Crosby Egyptian Beet

Cabbage

One ounce will produce 3000 plants.



Copenhagen Market Cabbage

For early use sow the seeds in hotbeds in February or March. Transplant as soon as the ground can be worked, in rows 2 feet apart, and the plants 18 inches apart in the rows. For late or Winter use sow the seed in May.

	By Mail Postpaid			
	Pkt.	Oz.	¼ lb.	1 lb.
Golden Acre. Uniform header, early flat, few leaves	\$0.10	\$0.30	\$1.00	\$3.50
Charleston Wakefield. Conical head variety, large and compact .....	.10	.20	.60	2.00
Copenhagen Market. Very early, round head; short stemmed .....	.10	.30	1.00	3.50
Danish Ball Head. Very round; solid Winter sort. A fine shipper .....	.10	.20	.60	2.00
Early Flat Dutch. A second early Cabbage; large, solid heads .....	.10	.20	.60	2.00
Early Jersey Wakefield. The standard early variety, conical in shape; few outside leaves .....	.10	.20	.60	2.00
Large Late Flat Dutch. The heads are large and solid, with few outer leaves.....	.10	.20	.60	2.00
Succession. A week later than early Summer. Large, solid heads .....	.10	.20	.60	2.00
Large Late Drumhead. Very large head, solid, flat .....	.10	.20	.60	2.00
Louisville Drumhead. Home grown, we heartily recommend for the best large late headed cabbage .....	.10	.50	1.50	5.00
Mammoth Rock Red. The largest red cabbage, colored deep red .....	.10	.30	.85	3.00

Note: For quantities 5 lbs. or more not prepaid deduct 10c per lb.

Celery

One ounce will sow about 300 feet of row and produce about 5000 plants.

Sow in the open border early in April, in rich ground. When the plants are 3 inches high transplant 4 inches apart into temporary beds of soft, rich soil until they acquire sufficient strength for planting out. Plant in rows 3 feet apart and set 8 inches apart in the rows. About the middle of August earthing up is necessary for blanching and whitening of that which is wanted for early use. By mail postpaid.

	Pkt.	½ oz.	oz.	¼ lb.
Giant Pascal—The stalks are solid and crisp; golden yellow heart....	\$0.10	\$0.20	\$0.30	\$1.00
Golden Dwarf or Golden Heart—A distinct variety; crisp, solid; fine flavor .....	.10	.20	.30	1.00
Golden Self-Blanching—French grown; crisp, tender and of fine flavor....	.25	.50	.90	3.00
Golden Plume—Two to three weeks earlier than any other variety. Blanches easily, solid, rapid growing heart; sweet, crisp and tender..	.25	.50	.90	3.00
White Plume—A valuable early variety. Requires very little blanching..	.10	.20	.30	1.00
Celery Seed—Used in kitchens for flavoring soups .....	..	.10	.15	.50

Carrots

One ounce will sow 200 feet of row.

For early crops sow as soon as the ground can be worked, and for later crops from the beginning until the end of May, in rows 15 inches apart and ½-inch deep. Thin out the young plants to 5 inches and keep the surface open by frequent use of the hoe.

	By Mail Postpaid			
	Pkt.	Oz.	¼ lb.	1 lb.
Early Scarlet Horn—Very thick roots; fine for frames	\$0.10	\$0.20	\$0.35	\$1.00
Chantenay Half Long Stump—Style of Nantes, broader shoulder .....	.10	.15	.25	.80
Danvers Half Long—Large; of good quality and productive. One of the most popular sorts .....	.10	.15	.25	.80
Long Orange—For garden and field crops this is the best variety.....	.10	.15	.25	.80
Scarlet Intermediate—Fine exhibition variety .....	.10	.15	.25	.80
Louisville Market—Half long—medium early. Flesh; very crisp and tender—Forcing....	.10	.15	.40	1.50

Cauliflower

One ounce of seed produces about 3000 plants.

By sowing the early varieties in a hotbed in February or March, or later in a coldframe, fine heads can be obtained quite early. When large enough, transplant, making the rows about 2½ feet apart and 18 inches between the plants. Transplanting should be done in moist weather.

	By Mail Postpaid			
	Pkt.	Oz.	¼ lb.	1 lb.
Blue Ribbon Snow Ball—Produces large and fine grained heads of snowy whiteness. It is the earliest and most solid heading variety grown.....	\$0.20	\$2.00	\$7.00	
Earliest Dwarf Erfurt—The best and earliest forcing under glass; very dwarf and compact, with short stem and small leaves .....	.20	2.00	.700	
Extra Early Snowball—One of the best for forcing or open ground .....	.20	1.50	5.00	



Danovers Half Long Carrots



Golden Plume or Wonderful Celery

Sweet Corn

One quart (2 lbs.) will plant 200 hills. Plant in hills 3 feet apart each way, dropping five or six kernels in each hill, or in rows 3 feet apart, and the plants thinned out to 18 or 20 inches in the row.

From May until the middle of July a succession planning can be made every two or three weeks, and a continued supply can be had until frost kills the plants.

Culture—The early garden corns, such as Early Adams, Northern Field and Truckers Favorite can be planted the end of March or early in April. Sugar Corns cannot be planted until the ground begins to get warm. Frequent cultivation is necessary if you would have good corn.

Early Adams or Burlington—Ears eight inches long, 12 to 14 rows. Kernels, white, rounded and deeper than they are broad.

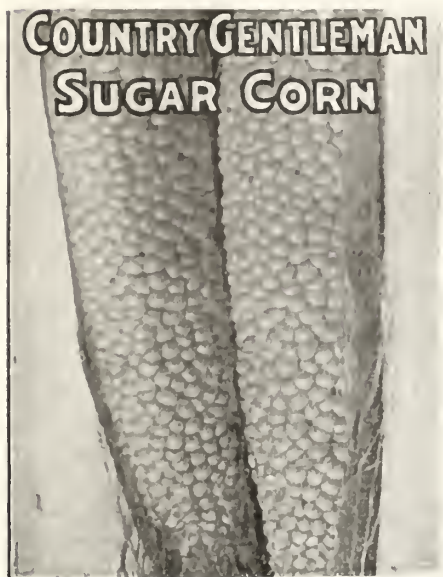
Extra Early Adams—Very small thick ears, close to the ground. Grain white, sweet and tender.

Early Northern Field—Finest early and late roasting ear variety. The ears are of good size and the grain of a fine quality.

Trucker's Favorite—Much larger than Early Adams and matures right after this variety.

Country Gentleman—Unsurpassed for main crop. Very small cob, grains in very uneven rows. Ears are 8 to 9 inches long. Matures a little later than Stowell's Evergreen.

Black Mexican—The best second early sweet corn. Grain bluish black when ripe, but in the green state almost the same color as other sweet corn.



Sweet Sugar Corn

Golden Bantam—Best early golden yellow sweet sort. Being dwarf it can be planted closely, producing small yellow ears of delicious flavor.

Bantam Evergreen, or Golden Evergreen—A yellow variety maturing about 10 days after the Golden Bantam and a week earlier than Stowell's Evergreen white. It has an ear three times the size of Golden Bantam and runs 12, 14, and 16 rows to the ear. The Bantam Evergreen, has the tender quality and sweet flavor of the Golden Bantam, combined with the productiveness of Stowell's Evergreen.

Late Mammoth—The largest and latest Sugar Corn. The ears grow about 12 inches long and have 14 to 16 rows.

Mammoth Golden Giant—A cross between Golden Bantam and Howling Mob. This stalk usually bears two good, eating ears of corn, well filled and of delicious flavor.

Stowell's Evergreen—Ears 8 to 9 inches long; 16 to 18 rows to the ear. Unsurpassed for table and market, fine quality, deep grained, and white.

Pop Corn

Queen's Golden—Grain pops pure white, prolific, tender and of good quality.

White Rice—Finest quality and most popular of all.

Corn Prices:

	Pkt.	By Mail Postpaid				Not Prepaid by Express or Freight				
		1 lb.	2 lbs.	5 lbs.	10 lbs.	1 lb.	2 lbs.	5 lbs.	10 lbs.	100 lbs.
Ex. Ey. Adams	\$.10	\$.20	\$.40	\$.95	\$1.80	\$.15	\$.30	\$.75	\$1.45	\$12.00
Early Adams	.10	.20	.40	.95	1.80	.15	.30	.75	1.45	12.00
Early Northern Field	.10	.20	.40	.95	1.80	.15	.30	.60	1.00	10.00
Trucker's Favorite	.10	.20	.40	.95	1.80	.15	.30	.60	1.00	10.00
Black Mexican	.10	.40	.80	1.90	3.75	.30	.60	1.30	2.55	25.00
Country Gentlemen	.10	.40	.80	1.90	3.75	.30	.60	1.30	2.55	25.00
Golden Bantam	\$.10	\$.25	\$.50	\$1.15	\$2.00	\$.20	\$.40	\$.90	\$1.50	\$12.00
Howling Mob	.10	.25	.50	1.15	2.00	.20	.40	.90	1.50	12.00
Mam. Golden Giant	.10	.35	.70	1.75	3.50	.25	.45	1.10	2.10	20.00
Stowell Evergreen	.10	.40	.80	2.00	4.00	.30	.60	1.30	2.55	25.00
Bantam Evergreen	.10	.40	.80	2.00	4.00	.30	.60	1.30	2.55	25.00
Late Mammoth	.10	.25	.50	1.15	2.00	.20	.40	.90	1.50	12.00

POP CORN—

	Pkt.	1 lb.	2 lbs.	5 lbs.	10 lbs.	1 lb.	2 lbs.	5 lbs.	10 lbs.	100 lbs.
Queen's Golden	.10	.30	.50	1.30	1.80	.20	.35	.65	1.10	10.00
White Rice	.10	.30	.50	1.30	1.80	.20	.35	.65	1.10	10.00

Celeriac or Turnip-Rooted Celery

Grown mostly for its bulbous roots, which may be stored like Beets for Winter use.

Giant Prague—The finest variety. Very large roots which are almost round. Pkt., 10c; ½ oz., 25c; oz., 40c. Postpaid.

Chervil

The Curled Chervil is cultivated like Parsley and used for garnishing and flavoring soups and salads.

Curled Chervil—The young leaves are used for flavoring soups and salads. Pkt., 10c; ½ oz., 40c; Oz., \$1.25. Postpaid.

Chicory

Witloof, or French Endive—The stalks when blanched are used for salad. Pkt., 10c; ½ oz., 50c; Oz., \$1.50. Postpaid.

Collards

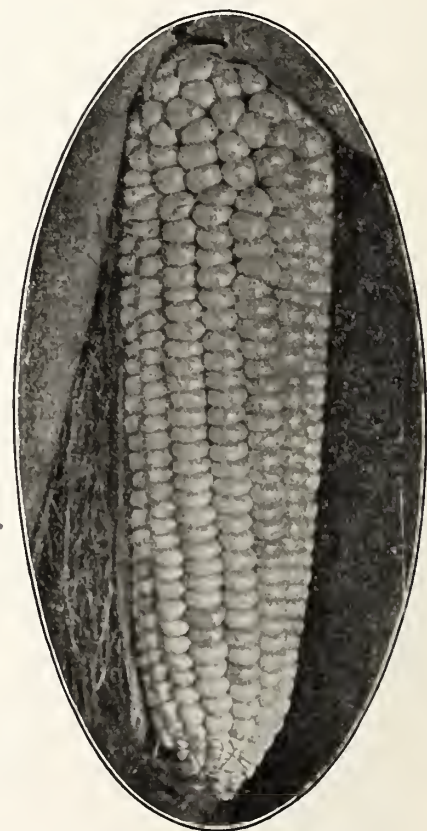
Sow Seeds, as for Cabbage, in June, July and August, for succession. Transplant when a month old in rows a foot apart each way, and hoe often.

Georgia—Cabbage greens used as a substitute for Cabbage. Oz., 10c; ¼ lb., 20c. Postpaid.

Corn Salad or Fetticus

One ounce will sow 150 feet of drill. Sow in September in drills 8 inches apart, covering the seeds lightly, and protect from frost by light covering of hay and litter. The seed may be sown in Spring.

Large-Seeded—The most popular variety grown. Pkt., 10c; Oz., 20c; ¼ lb., .50c; 1 lb., \$1.50. Postpaid.



Whipples' Early White Sweet Corn

Egg Plant

One ounce will produce about 2000 plants.

The Egg Plant will thrive well in good garden soil. The seed should be sown in hotbed or warm greenhouse in March or April and when about an inch high put in 2-inch pots. Plant about June 1st, 2½ feet apart. If no hotbed is at hand they can be grown in any light room when the temperature will average 75 degrees.

By Mail Postpaid

Florida High Bush—Strong upright growth. Fruit similar in form and size to New York Purple. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.20; lb., \$4.00.

Improved Spineless—Claimed to have fewer spines than New York improved; hence more easily gathered. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.20; lb., \$4.00.

Black Beauty—As large as New York Improved but ten days earlier. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.20; lb., \$4.00.

New York Improved—Purple; the best variety; very large, oval, heavy fruit. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.20; lb., \$4.00.

Long Purple—Fruit longer and smaller than the above sort; hardy; productive. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.20; lb., \$4.00.

Endive

One ounce of seed for 100 feet of drill.

One of our best salad plants. For a first crop sow about the middle of April; for succession small sowings may be made every month till August, when the main planting is made. Set out the plants 1 foot apart in rows and when well grown blanch by folding the leaves.

Postpaid

Broad-leaved (Escarolle)—Leaves long and broad; thick and succulent. Pkt., 10c; oz., 20c; ¼ lb., 50c; 1 lb., \$1.75.

Green Curled—Hardy, finely curled; easily blanched. One of the best. Pkt., 10c; oz., 20c; ¼ lb., 50c; 1 lb., \$1.75.



Black Beauty Egg Plant

Cucumbers

1 ounce to 60 hills, 2 to 3 pounds to acre.

For very early use seed may be started in heat and the plants set out in May. Pieces of inverted sod are an excellent medium for starting and growing early Cucumber plants, as they can readily be lifted from the hotbed to the garden without disturbing the young plants growing upon them. For main crop plant in hills 4 feet apart at the end of May. Keep the young plants safe from the striped bug by dusting with dry plaster or powdered Hellebore. Leave four strong plants to each hill.

By Mail Postpaid.

Davis' Perfect. An excellent variety both for outdoors and forcing purposes. Pkt., 10c; oz., 15c; ¼ lb., 35c; 1 lb., \$1.00.

Early Fortune. Very dark green skin, flesh thick, seed cavity small and excellent quality; for table use or pickles. Pkt., 10c; oz., 15c; ¼ lb., 35c; 1 lb., \$1.00.

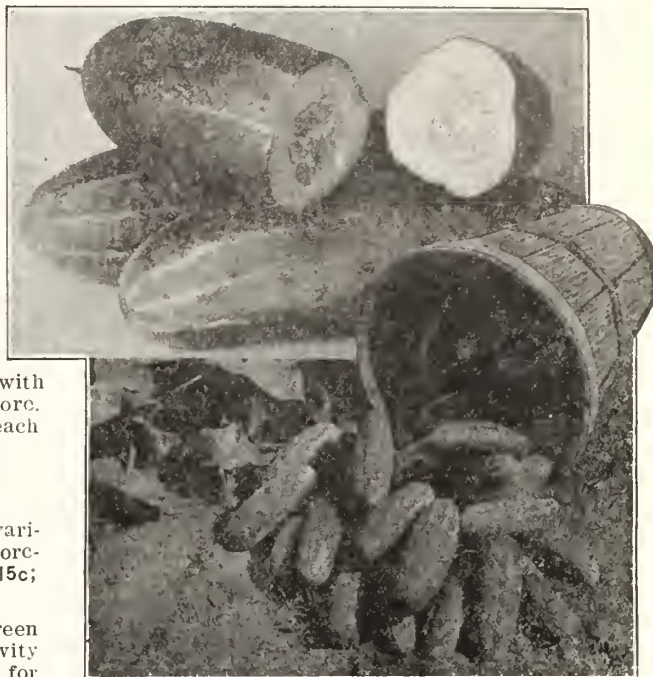
Extra Long White Spine. Much longer than ordinary White Spine; very prolific. Pkt., 10c; oz., 15c; ¼ lb., 35c; 1 lb., \$1.00.

Green Prolific Pickling. Dark green; medium strength; very free bearer. Pkt., 10c; oz., 15c; ¼ lb., 35c; 1 lb., \$1.00.

Improved Long Green. Long and crisp; a popular variety for pickles. Pkt., 10c; oz., 15c; ¼ lb., 35c; 1 lb., \$1.00.

Improved White Spine. Early and good for table use or for pickling; of medium length; dark green color and flesh crisp and excellent. Pkt., 10c; oz., 15c; ¼ lb., 35c; 1 lb., \$1.00.

West Indian Gherkin. Use only for pickles; the smallest of all varieties. Pkt., 10c; oz., 20c; ¼ lb., 35c; 1 lb., \$1.00.



White Spine Cucumber

Late Seeded Siberian. Produces a large plant and the leaves are larger and more curled than the dwarf. If planted thinly plants grow to enormous size, covering in some instances two feet of ground. Oz., 10c; ¼ lb., 25c; 1 lb., 75c; 5 lbs., \$3.25.

Spring or Smooth. Very hardy and the best variety for spring sowing. ¼ lb., 10c; 1 lb., 25c; 5 lbs., 75c.

Kohl-Rabi

One ounce will sow 300 feet of row.

Cultivate the same as Cabbage, but in hoeing be careful not to throw earth into the heart of the plant or the bulb cannot be formed.

Early White Vienna—Very early and should be used before fully grown. Flesh white with greenish white skin. Pkt., 10c; ½ oz., 15c; oz., 50c; ¼ lb., \$1.50.

Leek

One ounce will sow 200 feet of drill.

The leek is very hardy and easily cultivated; it succeeds best in light but well enriched soil. Sow as early in the Spring as practicable, in drills 1 inch deep and 1 foot apart. When 6 to 8 inches high transplant in rows 10 inches apart each way as deep as possible, the neck, being covered, may be blanched.

Large American Flag—The most desirable for market or family use. Pkt., 10c; oz., 20c; ¼ lb., 65c.

Musselburgh, or Carentan—A very large variety of superior quality. Pkt., 10c; oz., 20c; ¼ lb., 65c.

Kale or Borecole

All prices postpaid.

Sow about the middle of April in prepared beds, covering thinly and evenly; plant out in June, following the directions recommended for cultivating Cabbage.

Dwarf Curled Siberian. Fine double curled leaves, very large. Will stand out all winter in this section without protection. Oz., 10c; ¼ lb., 25c; 1 lb., 60c; 5 lbs., \$2.90.

Dwarf Green Curled Scotch or Norfolk. It has a finely curled leaf and a low spreading growth. Sown in August and September. Will not stand through winter. Oz., 10c; ¼ lb., 30c; 1 lb., 85c; 5 lbs., \$5.50.

Dwarf Blue Stem Curled Scotch Kale. This variety selected and developed from the finest types. Bred up to the largest and curliest types in existence we heartily recommend to all desiring to grow for market or shipping. Try some of this. Oz., 15c; ¼ lb., 35c; 1 lb., \$1.25; 5 lbs., \$5.00.

Lettuce

One ounce will sow 200 feet of drill.

Postpaid

Blue Ribbon Big Boston. Splendid shipper, sure header, reliable and hardy. Unsurpassed for outside culture and winter forcing. Heads extra large and compact, leaves, broad, smooth and wavy at the edge, light green in color. Our Blue Ribbon Strain of Big Boston is very superior to ordinary stocks, heads being free from brownish rust. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 30c; 1 lb., \$1.00.

Deacon. A splendid variety for standing the Summer heat; large, solid head. Oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., \$1.00.

Giant Crystal Head, or Iceberg. Large, solid; outside leaves bright green, inside white. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; 1 lb., \$1.75.

Hanson Improved. Heads large, hearts quickly, and stands the Summer well. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 35c; 1 lb., \$1.00.

California Cream Butter. A cabbage heading variety suitable for all season planting. Heads large, tender and sweet. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 35c; 1 lb., \$1.00.

New York, or Wonderful. Large solid heads; inside very white. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., \$1.00; 1 lb., \$3.00.

Black-Seeded Simpson. Nearly double the size of Curled Simpson. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 45c; 1 lb., \$1.50.

Early Curled Simpson. One of the earliest and best for market. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 45c; 1 lb., \$1.50.

Grand Rapids. This is regarded as the best forcing loose-leaved variety. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 45c; 1 lb., \$1.50.



Tip Top Cantaloupe

Musk Melon

One ounce will plant 60 hills.

By Mail Postpaid
Pkt. Oz. $\frac{1}{4}$ lb. Lb.

Emerald Gem —Small, early; dark green skin; orange flesh; very sweet	\$0.10	\$0.15	\$0.40	\$1.25
Hackensack —Large, round and good quality .....	.10	.15	.40	1.25
Honey Dew —Large, round to oval in shape, skin smooth, hard and nearly white, flesh light green. Excellent flavor .....	.10	.20	.50	1.50
Osage, or Miller's Cream —A large oval, orange-salmon flesh Melon of superior quality .....	.10	.15	.40	1.25
Rocky Ford —Very sweet and fine flavored; oblong; light green flesh .....	.10	.15	.35	1.00
Tip Top —A slightly oval shape, netted and yellow-flesh variety; fine flavor .....	.10	.15	.45	1.50

Tip Top—One of the old popular gardener's type. Grows large, yellow when ripe, deep ribbed. Flesh very thick golden yellow and delightfully sweet. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.25.

Eden Gem—A green flesh type of Rocky Ford Melon, shape round. very uniform in size. The flesh is very thick and it is a good shipper. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.25.

Knights Extra Early—An extremely early medium size melon, gray netted and distinctly ribbed. Flesh fairly thick and very sweet. A good shipper. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; 1 lb., \$2.00.

Bender Surprise—A large Salmon Fleshed Melon, delicious. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 45c; 1 lb., \$1.50.

Banana—Banana shape. Long, smooth, yellow-skinned, salmon fleshed melon. 1 pkt., 10c; 1 oz., 15c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.50.

Blue Ribbon Gem—The finest green fleshed cantaloupe. A very large, exceptionally fine melon of the Rocky Ford type. About two weeks earlier than other varieties. Very prolific and hardy. Has phenomenally thick green flesh with golden yellow lining. small seed pockets, beautifully netted, slightly ribbed; excellent for table and market. Color, light green. Try this king of all muskmellons. 1 pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; 1 lb., \$2.00.



Blue Ribbon Gem Cantaloupe

Mustard

By Mail Postpaid

Chinese Mustard—A very vigorous sort; leaves light green, much crumpled, sweetly pungent. Very large. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 25c; 1 lb., 75c.

Fordhook Mustard—One of the best that grows for early Spring sowing, because it gets larger than any other mustard before shooting to seed. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 25c; 1 lb., 75c.

Southern Giant Curled—Very succulent, and of sweet flavor. Used the same as spinach or boiled with meat as greens. Cut when three inches high. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 25c; 1 lb., 75c.

Okra, or Gumbo

One ounce will plant 100 hills

This plant is extensively cultivated for its green pods, which are used in soups and

Okra—Continued.

stews, and are very wholesome and nutritious. Sow about the middle of May in drills 3 feet apart and thin out the plants to 1 foot apart.

By Mail Postpaid

Dwarf Green—Very early; smooth pods. Oz., 10c; $\frac{1}{4}$ lb., 20c; 1 lb., 50c.

Perkins' Long Green—Long ribbed pods; very productive. Oz., 10c; $\frac{1}{4}$ lb., 20c; 1 lb., 50c.

White Velvet—Tender white pods; smooth and velvety in appearance. Oz., 10c; $\frac{1}{4}$ lb., 20c; 1 lb., 50c.

Onions

Mail Postpaid

Large Red Wethersfield. Half early and a good keeper; large size. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.50.

Onions—Continued.

Large White Portugal. The large, flat sort of the New York markets. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 50c 1 lb., \$1.50.

Large White Globe (Southport Strain). Very large and handsome. Pkt., 10c; oz., 50c; $\frac{1}{4}$ lb., \$1.50; 1 lb., \$4.00.

Danvers Yellow. A round flat, standard sort; early and a good keeper. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.50.

Yellow Globe Danvers (Southport Strain). Of more globular shape; keeps well. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 60c; 1 lb., 2.00.

Japanese or Ebenezer. Bright yellow flat. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.50.

Australian Brown. Noted for keeping qualities and peculiar brown color; early, semi-globe shaped; productive. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 60c; 1 lb., \$2.00.

Watermelons

One ounce will plant about 30 hills.

Plant in hills as directed for Musk Melons and treat in all respects the same, except that the hills should be 8 to 10 feet apart.

Blue Ribbon Special Tom Watson—Most largely planted in the South. One of the best main crop sorts; grows to a very large size. Color, dark green, medium thick rind. Flesh rich red. Tender, juicy and luscious far into the rind.

Florida Favorite—Color dark green; flesh, rich red; rind medium thick but tough, making it a fairly good shipper.

Citron—Of no value except for preserves; for this purpose it is very fine.

Halbert's Honey—Shape oblong and very large, dark green rind. Flesh is deep crimson in color.

Irish Gray—A light greenish gray color. The rind is very hard and firm. The flesh is bright red, sweet and firm.

Augusta Rattlesnake—It is beautifully marked light green with dark green stripes.

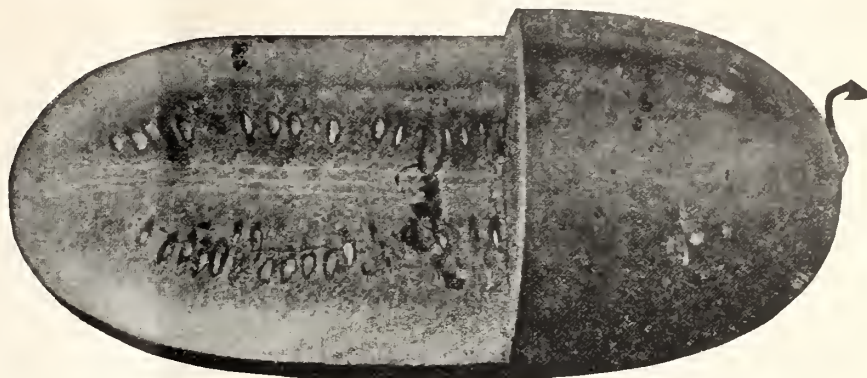
Kleckley Sweet—Kleckley Sweet is still the mainstay of thousands of melon growers. Very thin rind, large, long and dark green in color and exceedingly sweet. Flesh deep red, ripening almost to the rind.

Peerless or Ice Cream—Medium size is oblong with dark green rind; flesh scarlet and of good flavor.

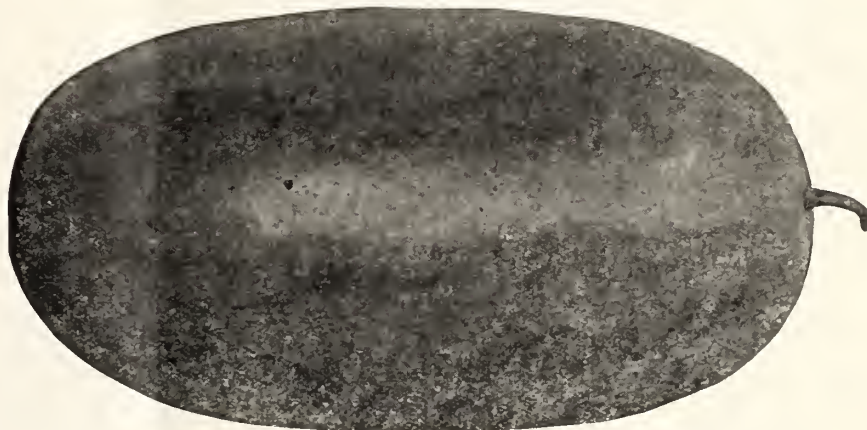
New Stone Mountain Melon—The largest in size, heaviest, sweetest, juiciest, solid throughout with fewer seeds than any melon ever introduced. Eat a great big chunk of heart, and it's most all heart, of a cold Stone Mountain melon and you'll never want to taste any other kind. Its big, dark green, almost round or "square-shaped," thin rind, deep colored watermelon-pink flesh, seeds white with brown edges.

Alabama Sweet—This variety is moderately early, oblong in form and of large size. Skin, medium green, irregularly striped a dark green, flesh bright scarlet, tender, sweet and firm. Has a tough rind.

Excell—Largest of the shipping varieties; midseason, fruit long, dark green with mottled stripes of a darker green. The flesh is red and very crisp.



Irish Gray Watermelon



Stone Mountain Watermelon

WATERMELON—

BY MAIL POSTPAID

	Pkt.	All Postpaid			Lb.
		Oz.	¼ lb.		
Alabama Sweet	10c	15c	30c	75c	
Augusta Rattlesnake	10c	15c	30c	75c	
B. R. Tom Watson	10c	15c	30c	75c	
Halbert's Honey	10c	15c	35c	1.00	
Irish Gray	10c	15c	35c	1.00	
Kleckley Sweet	10c	15c	35c	1.00	
Peerless or Ice Cream	10c	15c	30c	75c	
Excell	10c	15c	35c	1.00	
Florida Favorite	10c	15c	30c	75c	
Stone Mountain	10c	20c	35c	1.10	
Citron	10c	15c	50c	1.50	

NOTE—In quantities of one pound or more, at purchaser's expense, deduct ten cents per lb.

Pepper

One ounce will produce 2000 plants.

Sow in hotbeds in March, and when the soil has become warm, set in rows 2 feet apart and 18 inches in the rows; hoe frequently. Plants may also be forwarded in small pots. By mail postpaid.

	Pkt.	½ oz.	Oz.	¼ lb.
Chinese Giant. Very large, bright scarlet	\$0.10	\$0.25	\$0.40	\$1.50
Large Bell or Bull Nose. Large, bright red, largely used for pickling, mild flavor .....	.10	.25	.40	1.50
Pimento. Very large; flesh mild and sweet. Smaller than Ruby Giant .....	.10	.25	.40	1.50
Ruby Giant. Bright red, 4 to 6 inches long; best for stuffing .....	.10	.25	.35	1.40
Sweet Mountain. Large size, regular handsome shape, mild flavor .....	.10	.25	.40	1.50
Royal King. Sweet, glossy red, very mild .....	.10	.25	.40	1.50
Cayenne, Long Red. Bright red, slender pods; 3 inches long .....	.10	.25	.40	1.50
Red Cherry. Small, round red fruit .....	.10	.25	.40	1.50
Red Chili. Very productive; very small; red and very pungent .....	.10	.25	.40	1.50



Ruby King Pepper



Laxtonian Peas

Pumpkins

One ounce will plant 50 hills.

The common practice is to drop two or three seeds in every second or third hill in the Cornfield, but if cultivated on a large scale the seed may be sown in hills 8 feet apart each way, four plants to each hill, and otherwise treated in the same manner as Melons or Cucumbers.

Cushaw or Crookneck—An excellent table variety having much the same quality as the squash. It grows to a good size and is productive.

Kentucky Field—An old-time variety, grown largely for stock feeding. Productive and quite large.

Kentucky Mammoth—This is a very large variety, well adapted to the South and in spite of its size is of high quality.

Large Cheese—This is very much like a cheese in shape. The rind is a light buff color, the flesh firm.

Tennessee Sweet Potato—This is a medium-sized pumpkin; the rind is a creamy white, striped with light green.

PUMPKINS—

By Mail Postpaid

	Oz.	¼ lb.	lb.
Cushaw or Crookneck	10c	30c	\$1.00
Kentucky Mammoth	10c	40c	1.25
Large Cheese	10c	30c	1.00
Tennessee Sweet Potato	10c	30c	1.00
Kentucky Field	10c	25c	.40

Peas

One quart will plant about 150 feet of drill.

Peas mature earliest in a light, rich soil; for general crop a rich loam is the best. When grown in gardens sow in double rows 6 to 8 inches apart, the rows 2 to 4 feet apart, the tall ones requiring brush. Commence sowing the extra early varieties as early as the ground can be worked in February or March and continue for a succession every two weeks until July.

Extra Early Dwarf Peas

	Height in ft.
First and Best. Extra early smooth peas	2½
Alaska. One of the very earliest blue Peas; quite productive	2½
Blue Bantam. A fine extra early wrinkled Pea. Large pods well filled with deep green fine flavored Peas	1½
McLean's Little Gem. Light green pod 3 inches long	2½
Claudit. Pod much larger than Alaska	4
Hundredfold. Similar to Laxtonian	2½
Gradus, or Prosperity. The finest extra early Pea. The pods are very large	

and well filled, with large wrinkled green Peas	3
Laxtonian. Very large, dark green, curved pods and Peas of finest flavor	1½
Little Marvel. Very early, wrinkled Peas, long pods	2
Nott's Excelsior. Splendid early wrinkled sort; very prolific	1
Thomas Laxton. Very productive. The pods are large and contain seven or eight large wrinkled Peas of the finest flavor	3

Main Crop Peas

Alderman. One of the finest of the large podded main crop varieties. Pods measure nearly 6 inches, well filled	4
Champion of England. Well known standard variety	4
Telephone. Dark pod. A tall growing late sort, having pods of very large size, containing six or seven Peas of delicious flavor	4
White Marrowfat. A favorite; heavy yielder	4

	Pkt.	By Mail Postpaid				Not Prepaid				
		1	2	5	10	By	Express	or	Freight	
		lb.	lb.	lbs.	lbs.	1	2	5	10	100
PEAS—Early Varieties										
Alaskas	10c	30c	50c	\$1.00	\$1.90	25c	45c	85c	\$1.40	\$12.00
First & Best	10c	30c	50c	1.00	1.90	25c	45c	85c	1.40	12.00
Thos. Laxton	10c	30c	50c	1.00	1.90	25c	45c	85c	1.65	16.00
New Claudit	10c	30c	50c	1.00	1.90	25c	45c	85c	1.65	16.00
Gradus	10c	30c	50c	1.00	1.90	25c	45c	85c	1.65	16.00
Hundredfold	10c	30c	50c	1.00	1.90	25c	45c	85c	1.65	16.00
Laxtonian	10c	30c	50c	1.00	1.90	25c	45c	85c	1.65	16.00
Little Marvel	10c	30c	50c	1.00	1.90	25c	45c	85c	1.65	16.00
McLeans Little Gem	10c	30c	50c	1.00	1.90	25c	45c	85c	1.65	16.00
Nott's Excelsior	10c	30c	50c	1.00	1.90	25c	45c	85c	1.65	16.00
Alderman	10c	30c	50c	1.00	1.90	25c	45c	85c	1.65	16.00
Chmp. of England	10c	30c	50c	1.00	1.90	25c	45c	85c	1.65	16.00
Imp. Dark Pod Telephone	10c	30c	50c	1.00	1.90	25c	45c	85c	1.65	16.00
Large White Marrowfat	10c	30c	50c	1.00	1.90	25c	45c	85c	1.65	12.00
Blue Bantam	10c	30c	50c	1.00	1.90	25c	45c	85c	1.65	16.00

Parsnips

One ounce will sow 200 feet of drill

Sow Parsnip seed as early in the Spring as the weather will permit, in drills from 15 to 18 inches apart, covering with fine soil to the depth of half an inch. The soil should be rich and deep; manured if possible, the previous Autumn. Thin out the young plants to about 6 inches apart and keep the surface of the ground open and free from weeds. It is perfectly hardy and may remain in the ground throughout the Winter. Indeed, the fine sugary flavor is only perfected by a severe frost. Postpaid.

American Hollow Crown. Long, smooth and milky white. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00.

Parsley

One ounce will sow 200 feet of row.

Sow as early as possible in Spring; first soaking the seed three hours in water; cover lightly, raking the soil fine and level on top. The drills should be about 15 inches apart. The plants appear in two to four weeks. Thin to 3 inches apart.

Extra Double, or Moss Curled. A beautiful curled dwarf variety. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.00. Mail postpaid.

Plain. A plain-leaved variety; fine for flavoring. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.00. Mail postpaid.

Peanuts

All Postpaid

Peanuts are readily grown and when shelled can be planted in April or May in drills 2½ to 3 feet apart, placing the seeds 12 to 15 inches apart in the drills. By mail Postpaid.

Spanish—Smaller than Improved Virginia, but very early and extremely productive, 1 lb., 30c; 5 lbs., \$1.25.

Improved Virginia. Grows upright and produces heavy crops of large nuts. 1 lb., 30c; 5 lbs., \$1.25.

Tenn. Red. Similar to Spanish but the pods are longer, usually containing four nuts and sometimes five, mild and sweet flavor. 1 lb., 30c; 5 lbs., \$1.25.

Radishes

One ounce of seed will sow 150 feet of drill.

Radishes require a light, loamy soil, moderately fertile, which should be deeply dug and well pulverized. The situation should be warm and sheltered. For an early supply sow in January or February in hotbeds, keeping well ventilated. In May they may be sown out-of-doors. Successive sowings should be made every two weeks. Radishes to be crisp and tender should make a rapid growth.

Winter varieties should be sown in July and August.

FORCING VARIETIES

	Pkt.	Oz.	1/4 lb.	lb.
Early Scarlet Turnip Forcing. Crisp; very early, nearly round..	\$0.10	\$0.15	\$0.25	\$0.75
Deep Scarlet Turnip Forcing or Non Plus Ultra. Round. short leaved, crisp; very early .....	.10	.15	.25	.75
Scarlet Turnip White-Tipped Forcing. Round, very early .....	.10	.15	.25	.75
Crimson Giant—Globe. Fine for forcing or open ground .....	.10	.15	.30	1.00
Turnip, Scarlet White-Tipped—Very early for frames or outdoors ..	.10	.15	.25	.75
Wood Early Frame. Long red, early short top .....	.10	.15	.25	.75
Olive-Shaped French Breakfast. Pink and white; early .....	.10	.15	.25	.75
Long Scarlet Short Top. Very long; for frames or outdoors....	.10	.15	.25	.75
Long Icicle. Pure white; of fine flavor; suitable for forcing....	.10	.15	.25	.75
In lots of 5 lbs. or more deduct 10c per lb. If not postpaid deduct 10c per lb. additional.				

WINTER VARIETIES

	Pkt.	Oz.	1/4 lb.	lb.
White Strasburg—The flesh is white, tender and mild. Pure white, firm of flesh, brittle and retains its delicious crispness. It does well during the entire summer	\$0.10	\$0.15	\$0.25	\$0.75
Rose China Winter—Very largely planted for fall and winter use. Half-long in shape and of a bright crimson color. The flesh is white, fine grained and of good quality .....	.10	.15	.25	.75
Long Black Spanish. The popular Winter sort .....	.10	.15	.30	1.00
Round Black Spanish. Fine for Winter .....	.10	.15	.30	1.00
Long White Spanish. A long Winter variety, fine flavor and quality .....	.10	.15	.30	1.00
Giant White Stuttgart—Grows from four to five inches long, very thick at shoulder, but tapering to the lower end of the root. White and tender .....	.10	.15	.30	1.00



Bloomsdale Spinach

Rhubarb

One ounce will produce 1000 plants.

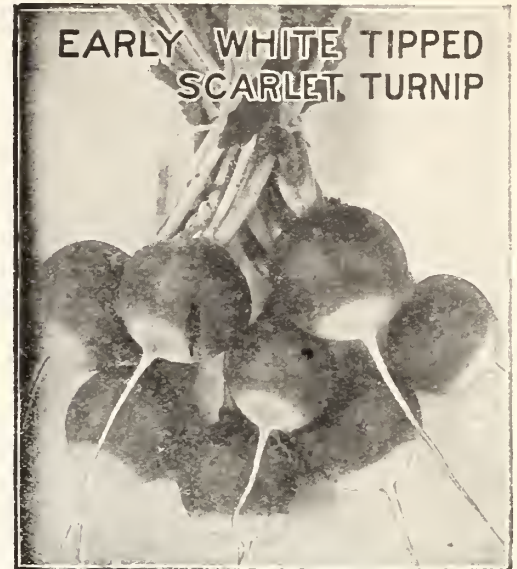
Sow in drills 18 inches apart. When the plants are strong enough, thin out to 6 inches. In the Fall or following Spring, transplant the roots into deep, rich soil, 3 feet apart each way. By mail Postpaid.

Victoria. Very large; later than the Linnaeus. Pkt., 10c; oz., 15c; 1/4 lb., 45c; lb., \$1.50, postpaid.

Rhubarb Roots. Extra strong. Each, 15c; doz., \$1.75; 100, \$12.00.

Rhubarb Roots. For forcing. Each, 25c; doz., \$2.00; 100, \$15.00.

All roots postpaid or delivered by express prepaid.



Spinach

One ounce will sow 200 feet of drill, 10 to 12 lbs. an acre.

This is best developed and most tender and succulent when grown in very rich soil. For Summer use sow early in Spring in drills 15 inches apart, and make successive sowings every two weeks. For Spring use sow in September, and cover lightly in November with light litter. By mail postpaid.

New Zealand. Makes a low spreading plant from which delicious tender green can be gathered the entire Summer. Oz., 10c; 1/4 lb., 20c; lb., 60c, postpaid.

Perpetual Summer, or Spinach Beet. Dark green leaves, which are produced all the Summer making a delicious Spinach when cooked. Oz., 20c; 1/4 lb., \$1.25, postpaid.

King of Denmark. A new variety for Spring planting. Dark green crumpled leaves and very slow to go to seed. Oz., 10c; 1/4 lb., 15c; lb., 35c, postpaid.

Long Standing. Of delicious, tender quality; dark green. Oz., 10c; 1/4 lb., 15c; lb., 35c, postpaid.

Savoy-Leaved, or Blommsdale. Large, tender curled leaves. Oz., 10c; 1/4 lb., 15c; lb., 35c, postpaid.

Viroflay Thick-Leaved. A standard sort, equally good for early Spring or Fall sowing. Oz., 10c; 1/4 lb., 15c; lb., 35c, postpaid.

Squash

One ounce Early Squash will plant about 50 hills

One ounce Marrow Squash will plant about 25 hills.

The Squash succeeds best in good rich soil. It is not advisable to plant before May 15th. Sow in hills in the same manner as Cucumbers and Melons. Use seed freely, 8 to 12 seeds to the hill, to provide for losses by insects.

BUSH VARIETIES

	Pkt.	Oz.	1/4 lb.	Lb.
Improved Early White Bush Scallop. A good early shipping variety	\$0.10	\$0.15	\$0.30	\$1.00
Giant Summer Crookneck...Double the size of Summer Crookneck ..	.10	.15	.30	1.00
Golden Summer Crookneck. Yellow fruit; distinct; best for summer				

RUNNING VARIETIES

	Pkt.	Oz.	1/4 lb.	Lb.
Boston Marrow. Oval; bright orange; flesh yellow and fine	\$0.10	\$0.15	\$0.30	\$1.00
Fordhook. A desirable variety for Summer and Winter use; fruit oblong in shape, smooth yellow skin, flesh light yellow .....	.10	.15	.30	1.00
Improved Hubbard. Well known and liked for late use .....	.10	.15	.30	1.00

Tomatoes

One ounce will produce 1,000 plants.

Sow thinly about the first week in March in a hotbed, greenhouse, or window of sitting room, where the temperature is never below 60 degrees. When 2 inches high, set out the plants in boxes about 4 inches apart, or pot singly. About the first of June they may be transferred to the open ground. Set them deeply 4 feet apart. By mail postpaid.

	Pkt.	½ oz.	Oz.	¼ lb.	1 lb.
Bonny Best. A very early bright red variety. Smooth, solid and uniform	\$0.10	\$0.20	\$0.35	\$1.15	\$4.00
Chalk's Jewel. An exceptionally fine early variety. Color crimson .....	.10	.20	.35	1.15	4.00
Greater Baltimore—Midseason red. Firm, smooth .....	.10	.15	.25	.85	3.00
June Pink—Uniform, smooth, pink .....	.10	.25	.45	1.65	6.00
Acme—Early purplest red. Smooth, solid .....	.10	.15	.25	.85	3.00
Beauty—Early purplest red. Smooth, solid .....	.10	.15	.25	.85	3.00
Brimmer—Similar to Ponderosa. Rich red, almost seedless .....	.10	.20	.35	1.10	4.00
Livingston Globe—Purplish pink. Solid, desirable for greenhouse .....	.10	.15	.25	.85	3.00
Barglobe—Bright red. Second early, fruit large, smooth and globe shaped, almost coreless. Excellent for home or truck gardening .....	.10	.20	.35	1.10	4.00
Crimson Cushion—Extra large, handsome, bright crimson ..	.10	.15	.25	.85	3.00
Dwarf Champion—The plant is of dwarf and compact growth .....	.10	.20	.35	1.15	4.00
Dwarf Stone—Color bright scarlet, perfect shape; resembles Dwarf Champion, but with larger fruit .....	.10	.20	.35	.90	3.25
Earliana—Extra early; bright red; smooth .....	.10	.20	.35	1.15	4.00
Golden Queen—A good yellow sort; first-class quality; large and solid .....	.10	.20	.35	1.00	3.75
John Baer—A beautiful, brilliant red variety; perfect, solid, high crown fruits .....	.10	.15	.25	.85	3.00
Matchless—Extra large, smooth and handsome, bright red; very solid .....	.10	.20	.35	1.15	4.00
Ponderosa—The largest variety in cultivation; very solid and meaty, purple .....	.10	.20	.35	1.10	4.00
Ponderosa Yellow—Truly as the name implies .....	.10	.20	.35	1.10	4.00
Stone—Very large, perfectly smooth; fine, bright scarlet ..	.10	.15	.25	.85	3.00
SMALL FRUITED TOMATOES					
Red Cherry—Small fruits; used for pickles; very handsome .....	.10	.20	.40	1.25	
Yellow Pear—Handsome, yellow, Pear-shaped fruits ....	.10	.20	.40	1.25	
Yellow Plum—Round and regular; bright yellow .....	.10	.20	.40	1.25	



Marglobe Tomato

Salsify

One ounce will sow 150 feet.

A most delicious vegetable. It is used stewed, boiled, or fried, and sometimes as a salad. When cooked it has an oyster flavor. Sow seed from April to May in drills 18 inches apart. Cultivate the same as for Carrots or Parsnips.

Mammoth Sandwich Island. True. Large and superior; very fine flavor. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00. By mail postpaid.

Turnips

One ounce will sow 200 feet of drill

Turnips do best on highly enriched, light sandy or gravelly soil. Commence sowing the earliest varieties in April, in drills, from 12 to 15 inches apart, and thin out early to 6 or 9 inches in the rows. For a succession, sow at intervals of two weeks, until the middle of August.

Early Red or Purple Top Strapleaved—A good early, flat turnip. Roots are reddish purple above ground. Roots are in best condition for table use when about half grown.

Extra Early Red or Purple Top Milan—This is the very best early turnip. Extremely early, of high quality and rapid growth. Fine for either market or house use.

Extra Early White Milan—Similar to the red, but roots are white clear through.

Large Amber or Yellow Globe—Grows to a large size, of globe shape with light yellow skin; flesh is also yellow and of good quality.

Seven Top—Used extensively for greens, as it is very hardy and continues to grow throughout the winter. The roots are of no value, as the plant develops so much top. Used for grazing in the South.

Large White Norfolk—A variety grown extensively for stock-feeding, also for use as greens.

Long White Cowhorn—Rather resembles a carrot in growth, although generally inclined to be crooked. It is for rapid growth, pure white and good for either stock or table use.

Pomeranian White Globe—A fine variety.

Purple Top Yellow Aberdeen—Rather resembles Swede turnip. The flesh is a pale yellow, very firm and the roots keep well on into spring. It is later than most varieties, so should be sown a couple of weeks sooner than the other varieties for fall use.

Southern Prize—A very hardy sort; used largely for greens in same manner as Seven Top. The roots are also valuable for stock feeding; growing to a large size.

White Flat Dutch (Strap Leaved)—Similar to the above, except that entire root is white.

Wood, Stubbs Co.'s Improved Purple Top Globe—Our special strain of this turnip is extra fine. It has small tops and the roots are very uniform.

White Egg—An oval-shaped white turnip, the roots of which grow partly out of the ground.

Rutabaga

American Purple Top Yellow—This is the finest strain of Swede turnip procurable, both as to quality and production. The roots are large, but not coarse.

PRICES

TURNIPS—

	Oz.	¼ lb.	Lb.
Ex. Ey. Purple Top Milan	10c	20c	60c
Ex. Ey. White Milan	10c	20c	60c
Purple Top Globe	10c	15c	40c

All other varieties listed the same price as Purple Top Globe.

RUTABAGA—

	Oz.	¼ lb.	Lb.
Purple Top Yellow	10c	15c	40c

In quantities of one pound or more, at purchasers expense, deduct ten cents per pound.

Potatoes

GROWN EXPRESSLY FOR SEED IN MAINE

Peck will plant 100 foot row. Ten bushels cut tubers will plant 1 acre.

The Potato, like the robust-growing vegetable, can be grown with varying success on soils of all kinds and in all conditions of fertility, but the soil best suited to it is a sandy loam. Manure is applied either in rows or hills or broadcast over the hills and ploughed in—the latter in most cases being preferable. In highly enriched soils the plants are more liable to disease than when grown in soil that is naturally good. Plant as early in Spring as the ground can be had in fair working order, in hills or ridges, about 2 feet apart, cover lightly with soil about 4 inches deep.

At the time of going to press with this catalog the Potato market is so unsettled that prices are subject to change.

We request those desiring Seed Potatoes to write for prices on the quantities wanted and we will give quotations by mail.

Unpriced orders will be filled at the prevailing market prices at time of shipment. Potatoes are forwarded by express or freight as directed, purchaser paying charges.

Semesan Bel. Potatoes treated with Semesan Bel will be freer from disease and yield much larger crops. Ask for circular on potato treatment.

Second Crop Home Grown Stock

Certified Home Grown Irish Cobblers—

These potatoes are field selected and certified by the Department of Agriculture, both while standing in the field and when dug. After the potatoes are sacked in 150 lb. bags only, they are sealed by the Dept. of Agriculture so there can be no mistaken identity. They are put up in 150 lb. bags only and bags cannot be broken. Price per bag: small size, \$7.00; large, \$7.75. Approximate prices only. Stock exceedingly scarce this year.

Selected Irish Cobbler Seed Potatoes. Pk., 75c; bu., \$2.00; 150 lb. bag, \$4.50. F. O. B. Louisville.

Petoskey Potatoes—A round white potato of the finest cooking quality. Pk., 75c; bu., \$2.00; 150 lb. bag, \$4.50, F. O. B. Louisville.

Carman—A round, white, fine quality, late potato. Pk., 75c; bu., \$2.00; 150 lb. bag, \$4.50. F. O. B. Louisville.



Cobbler

Northern Grown Seed Potatoes

Irish Cobbler Potatoes—The same type as the home grown stock except that they are grown in Maine or the northern central states. Pk., 75c; bu., \$2.00; 150 lb. bag, \$4.50.

Early Ohio Potatoes—Oval shaped, pink tinted and a good size. Early. Pk., 75c; bu., \$2.00; 150 lb. bag, \$4.50.

Early Rose Potatoes—Long, pink skinned. Very early. Pk., 75c; bu., \$2.00; 150 lb. bag, \$4.50.

Red Triumph Potatoes—Popular in the south, very early in central sections. Only good for very early use. Pk., 75c; bu., \$2.00; 150 lb. bag, \$4.50.

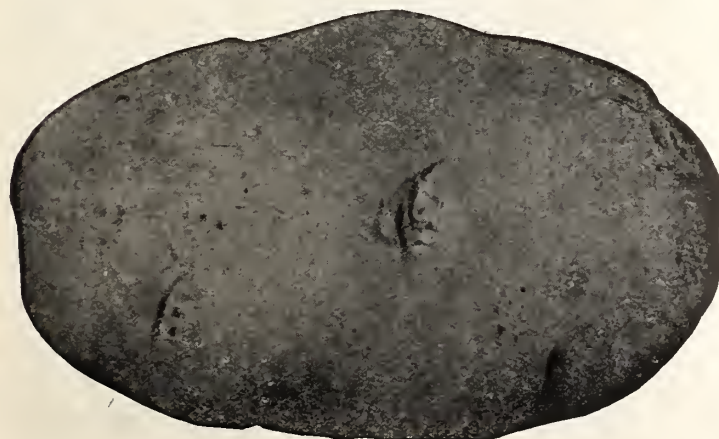
Burbank Potatoes—Oblong, large size, white potatoes. Late variety, excellent for table use. Pkt., 75c; bu., \$2.00; 150 lb. bag, \$4.50.

Herbs—Sweet and Medicinal

Plant in the Spring, when the ground is warm, in drills, covering lightly. When the plants are well up, thin out or transplant to about 4 inches apart. They should be harvested on a dry day just before the blossom develops, dried quickly and bottled, or closely packed in dry boxes with the air entirely excluded.

By Mail Postpaid

	Pkt.	Oz.
Anise—Annual. Used for flavoring and garnishing	\$0.10	\$0.30
Balm—Perennial. Leaves have a fragrant odor and are used medicinally .....	.10	.40
Basil, Sweet—Annual. Used for flavoring soups, stews, etc....	.10	.40
Borage—Annual. Leaves are used for flavoring, and bees are attracted by the flowers .....	.10	.40
Caraway—Perennial. Used for flavoring confectionery, bread etc. ....	.10	.30
Coriander—Annual. Used in the manufacture of confectionery .....	.10	.40
Dill—Biennial. The seeds are aromatic and pungent. Used in pickling Cucumbers .....	.10	.30
Fennel, Sweet—Perennial. Leaves when boiled are used in sauces .....	.10	.30
Horehound—Perennial. Used medicinally, also for seasoning .....	.10	.50
Marjoram, Sweet—Annual. Aromatic and fragrant. Much used in flavoring .....	.10	.50
Sage—Perennial. More used than any other herb for dressings and seasonings .....	.10	.50
Summer Savory—Annual. Used for flavoring soups and dressings .....	.10	.50
Thyme—Perennial. Used for seasoning. Also used medicinally .....	.10	1.00



Ohio

Tobacco

Buy Your Seed of Known Origin and of A Reliable Source



WHICH CROP WILL YOU CHOOSE?

Left and right: Root-Rot Resistant Tobacco—the kind that grows as well on old tobacco land as any does on virgin soil. Makes uniform stand early maturity, topping and curing easier, with little resetting.

Center: A row of common variety—the kind that is susceptible to Black Root-Rot, the destructive disease infecting over 60 per cent of all Burley tobacco land. Root-Rot causes poor yields, late maturity and irregular stand of Burley Tobacco. Makes lots of resetting and topping harder.

After many years of handling high grade tobacco seed, we believe that the tobacco seed grown by Mr. J. V. Shipp, is by far superior to any offered by tobacco growers. We know of no one more careful or successful in handling a pure and highly developed strain of tobacco seed, and request that you read carefully the following statement made by him.

ORDER SHIPP'S ROOT-ROT RESISTANT STAND-UP WHITE BURLEY TOBACCO SEED

The latest Improved type of Pure Stand-Up White Burley developed by the Kentucky Experiment Station.

I am a tobacco grower as was my father before me. I was raised in the heart of the Burley tobacco district. I know the business thoroughly and have scientifically studied it in all of its details. To my mind, a poor tobacco yield cannot always be attributed to lack of rain or low fertility. Much of the time it is caused by a rotten root system.

A good many people do not know it but fully sixty per cent of all Burley tobacco ground is infected with a fungus disease commonly called root-rot, which attacks the roots of the plants, rotting them off. This results in poor and shallow feeding and the plants cannot mature into strong, healthy tobacco. They are stunted, their growth is impaired and they frequently succumb in long periods of dry hot weather.

Root-Rot causes poor yields, late maturity and irregular stands of Burley tobacco, makes lots of resetting and topping harder.

The Kentucky Experiment Station long since recognized this fact and many experiments were made year by year in an attempt to discover a strain of tobacco that would resist this root rotting fungus.

THEY WERE SUCCESSFUL! A ROOT-ROT RESISTANT TYPE WAS DEVELOPED

Naturally, all of us growers were interested, and we watched these experiments carefully because we all wanted to secure a strain of tobacco seed that would produce uniformly a big yield of high quality. We wanted a type of Burley that will produce a high grade leaf of good color, quality and weight on either old land or virgin soil.

It looks to me, like it was real horse sense to plant that kind of seed and get the greatest benefit out of our land and our labor.

Why, thought I, plant scrub uncertain tobacco seed any more than trying to raise scrub cattle? It looks to me just about the same thing. Well, I profited by those experiments at the Station and I am now growing that kind of tobacco seed. I call it

SHIPP'S ROOT-ROT RESISTANT STAND-UP WHITE BURLEY TOBACCO SEED

It produces a rich yield of Stand-Up White Burley that pays the grower well for his acreage and his effort. This type of tobacco

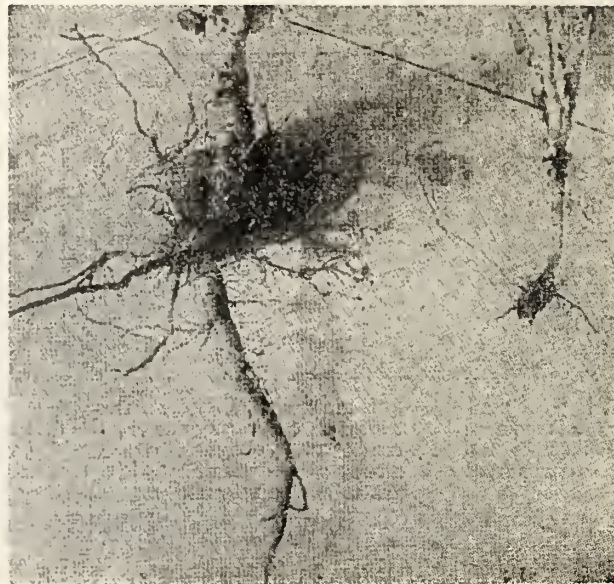
WHICH ROOT GROWS THE BEST TOBACCO

The roots shown in above photograph were grown side by side on infected land.

Left—Shipp's Root-Rot Resistant strain. Note the ample feeding area, due to the long, wide spreading roots of the Resistant strain. Such roots enable the plants to withstand long periods of hot dry weather.

Right—A common variety, an old-time favorite, susceptible to root-rot disease. Root-rot has done its work as is clearly shown by the picture.

GOOD SEED GROWS FINE TOBACCO



is bringing the highest prices on the market to-day.

I grow this seed with the same scientific methods as are used by the Experiment Station. It is just as carefully handled and recleaned. I have sold it to many growers in the Burley belt, in fact, have sent it to many foreign countries. It has always produced successfully.

TOBACCO

Buy Your Seed of Known Origin and of A Reliable Source

GET THE MOST OUT OF YOUR TOBACCO LAND

ROOT-ROT RESISTANT TYPES

The old standard varieties of Burley Tobacco are all susceptible to root-rot and will fail on diseased land. Root-Rot Resistant strains similar to these varieties have been developed and can be furnished if preferred.

SHIPP'S WHITE BURLEY ROOT-ROT RESISTANT. SHIPP'S RED BURLEY ROOT-ROT RESISTANT.

JUDY'S PRIDE TYPE OF STAND-UP WHITE BURLEY.

KELLEY TYPE OF STAND-UP WHITE BURLEY.

VIMONT-KELLEY HEAVY TYPE OF STAND-UP WHITE BURLEY.

WHITE TWIST BUD. A heavy variety of White Burley.

\$1.50 per oz.; half oz., 75c postpaid.

Bulk quantities quoted on request.

Connecticut Seed Leaf. A quick maturing, stocky sort; leaves are moderate length and of a good width. Good for fillers. Pkt., 10c; oz., \$1.00; ¼ lb., \$3.50.

Improved Yellow Pryor. Makes fine plug wrappers, cutters, fillers and smoking tobacco. On rich land yields a heavy crop. Pkt., 10c; oz., \$1.00; ¼ lb., \$3.50.

Blue Pryor. A favorite heavy, dark tobacco for black strips, wrappers and fillers. Broad, long leaves. Pkt., 10c; oz., \$1.00; ¼ lb., \$3.50.

Yellow Oronoko. One of the best for fillers, smoking or homespun twist. It cures a rich red; has a long narrow leaf. Pkt., 10c; oz., \$1.00; ¼ lb., \$3.50.



Blue Ribbon Flower Seeds

ALL FLOWER SEEDS ARE MAILED FREE AT PACKET, OUNCE AND POUND RATE TO ANL POST OFFICE IN THE UNITED STATES

The following list contains a most complete assortment of the choicest and most popular flowers for either conservatory, greenhouse or garden culture.

Annuals grow from seed, flower, mature their seed, and die in one year, or, in other words, the same season.

Hardy Annuals are those which can be sown in the open ground.

Half-Hardy Annuals are those, which should be started early in the house, conservatory or hotbed, and transplanted to the garden in settled warm weather.

Biennials grow from seed, sown from June to August, flower, ripen their seed and die the next year, though some varieties bloom the same season if sown early in gentle heat.

Hardy Biennials will winter in the open ground without protection.

Perennials grow from seed, and continue flowering annually for many years after the first season. Some varieties flower the first season if planted early in gentle heat.

Half-Hardy Biennials require the protection of a coldframe or cool house during Winter.

Hardy Perennials can remain in the open ground during Winter without protection.

Half-Hardy Perennials require the protection of a coldframe or cool house during the Winter.

Tender or Greenhouse Perennials require window or greenhouse culture, free from frost during Winter and thrive in the garden during the warm months.

EXPLANATION OF FLOWER SEED ABBREVIATIONS

- H. A. designates Hardy Annuals—Lasting but one year.
 H. H. A. " Half-Hardy Annuals—Last but one year.
 H. B. " Hardy Biennials—Lasting but two years.
 H. H. B. " Half-Hardy Biennials—Require protection during Winter.
 H. P. " Hardy Perennials—Lasting three or more years.
 H. H. P. " Half-Hardy Perennials—Require protection during Winter.
 H. C. " Hardy Climber—Lasting three or more years.
 G. P. " Greenhouse Plant.
 H. A. C. " Hardy Annual Climber.

ACHILLEA ptarmica, "The Pearl," H. P. Double white flowers. Pkt., 10c; ¼ oz., 25c.

ACONITUM NAPELLUS (Monkshood). Handsome hardy herbaceous plant throwing bold spikes of dark blue flowers in summer. Effective in hardy flower borders. Height 3-4 ft. Price, large packet, 10c.

AGERATUM. H. A. Blooms throughout the Summer; feathery flowers in clusters. **Blue Perfection**. Very fine dwarf. 9 in. ¼ oz., 35c; pkt., 10c.

Mixed Dwarf. ¼ oz., 25c; pkt., 10c.

AGROSTEMMA coelirosa (Rose of Heaven). H. A. Bright rose; excellent for cutting. 18 in. ¼ oz., 35c; pkt., 10c.

ALYSSUM. H. A. Pretty little plants for beds, vases, baskets, edgings or rock-work; blooming profusely all Summer.

maritimum (Sweet Alyssum). Fragrant white; flowers all Summer. 6 in., oz., 50c; pkt., 10c.

maritimum compactum, **Little Gem**. Grows erect; fine for edging. Oz., 80c; pkt., 10c.

procumbens. **Carpet of Snow**. Dwarf; pure white. 4 in. ¼ oz., 25c; pkt., 10c.

AMARANTHUS. H. A. Ornamental foliage plants, producing a striking effect either in the conservatory or flower garden.

caudatus (Love Lies Bleeding). Long drooping crimson spikes. 3 ft. ¼ oz., 35c pkt., 10c.

tricolor (Joseph's Coat). Leaves red, yellow and green 2 ft. ¼ oz., 50c; pkt., 10c.

ANCHUSA capensis. H. A. Flowers resembling large Forget-me-nots. 18 in. ¼ oz., 75c; pkt., 10c.

grandiflora (Dropmore Variety). H. P. Large flowered, dark blue. 5 ft. ½ oz., 50c; pkt., 15c.

ANEMONE (St. Brigid). A beautiful half poppy flowered varieties, hardy perennial flowering from seed the second year. Produce in abundance large single, semi-double, and double flowers 3-5 inches across in endless varieties of color. For cutting they are unsurpassed and in the garden they flower until after frost. Sow the seed in January or February under glass. Summer sowing is also advisable. Price, large packet, 10c.

ANTIRRHINUM. H. H. B. The Snapdragon is one of our finest biennials, flowering the first year as annuals. Their rich spikes are beautiful for cutting, and keep fresh a long time. From seed sown in the open ground plants will bloom in July and August.

Large-flowering Half-Dwarf Varieties. The best for bedding purposes, growing about 18 inches high.

Dwarf Fine Mixture. All colors. ¼ oz., 30c; pkt., 15c.

Giant Large-flowered Mixed. Fine variety of colors. ¼ oz., 30c; pkt., 10c.

AQUILEGIA or Columbine. H. P. Fine, free flowering, hardy border plant—one of our most desirable perennials. Seed may be planted in the open ground early in Spring and will in some varieties bloom in the same season. Best results, however, are obtained by planting in August for the next season's blooming.

Scott Ellison Strain Long-spurred Hybrids. A grand variety of colors of the long-spurred and large-flowered forms. 3 ft., 1-16 oz., 50c; pkt., 10c.

chrysantha. Long-spurred, golden yellow. 2 ft. ½ oz., 50c; Pkt., 10c.

chrysantha grandiflora alba. Large pure white. 2 ft. ½ oz., 60c; pkt., 10c.

skinneri. A beautiful scarlet, tipped green. 2 ft. ¼ oz., 50c; pkt., 10c.

Single. Mixed colors. ¼ oz., 50c; pkt., 10c.

Double-flowering. Mixed colors. ¼ oz., 50c; pkt., 10c.



Aquilegia or Columbine



Chrysanthemum—Flowered Aster

ASTERS

Plants from seeds sown in the open ground in May bloom finely in September and October, when the flowers are seen at their best.

CHRYSANTHEMUM-FLOWERED. Dwarf.
A splendid variety of compact habit. 12 in.

	Pkt.
Apple Blossom	\$0.10
Fiery Scarlet .....	.10
Light Blue .....	.10
White .....	.10
Finest Mixed Colors .....	.10

GREGO'S GIANT. Very early; on style of Queen of the Market, but with fluffy, graceful large flowers. 2 ft.

	Pkt.
Crimson	\$0.10
Lavender .....	.10
Rose .....	.10
White .....	.10
Finest Mixed. All colors .....	.10

IMPROVED GIANT BRANCHING. The flowers are large and fine for cutting. 2 ft.

	Pkt.
Crimson	\$0.10
Light Blue .....	.10
Shell Pink .....	.10
White .....	.10
Finest Mixed. All colors .....	.10

KING. Upright growth; large flowers with long and narrow petals. 2 ft.

	Pkt.
Crimson	\$0.10
Pink .....	.10
Violet .....	.10
White .....	.10
Finest Mixed .....	.10

OSTRICH PLUME. Splendid class, fine for cutting. 18 in.

	Pkt.
Crimson	\$0.10
Light Blue .....	.10
Rose .....	.10
White .....	.10
Finest Mixed Colors .....	.10

ASTER. Michaelmas Daisy. H. P. Large flowering, hardy mixed, Fall flowering varieties. 2½ ft. ¼ oz., 75c; pkt., 10c.

BALLOON VINE. H. H. C. White flowers, followed by balloon-like seed pods. 15 ft. pkt., 10c.

ARABIS ALPINA (Rock Cress). A fine dwarf hardy perennial largely used for rock gardens. Flowers are pure white and bloom early in the spring. Pkt., 10c.

ARGEMON HYBRIDA GRANDEFLORA Large flowering prickly poppies from plants about 3 feet high and 18 inches across. Large single poppy like flowers of greyish green with silvery ribs. Easily grown from seed. Pkt. 10c.

ARISTOLOCHIA SIPHO (Dutchman's Pipe Vine) Luxuriant hardy climber; large leaves, making dense shade; flowers, yellow and brown; mottled and curiously shaped. Will grow 30 ft. tall. Pkt., 10c.

ARTEMESIA (Summer Fir) This ornamental foliage plant is an annual and owing to its fast growth reaches its full size the year of sowing. It forms pyramidal bushes 3 to 5 feet high. As a solitary plant it looks like a nicely developed Christmas tree. The color of the finely pinnated foliage is rich dark green. Pkt., 10c.

ORNAMENTAL ASPARAGUS (Plumosus Nanus) Greenhouse climber with Fern-like foliage. Pkt., 10c.

(Sprengeri) Decorative perennial for pots, vases, etc., drooping chenille-like fronds, 4 feet long. Pkt., 10c.

AUBRETIA (Rainbow Rock Cress) Large flowering hybrids mixed. A fine hardy perennial plant suitable for rock gardens and edgings. Flowers, mauve, rose, etc., height 1 ft. Pkt., 10c.

ARTOTIS GRANDIS. The large, pearly white flowers are borne on long stems well above the foliage. The petals are white on the upper surface and pale lilac on reverse and in the center of the flower is a light blue disc surrounded with white stamens and a narrow golden band. Seen in the bright sunlight a very charming effect is produced as the white petals contrast beautifully with the blue disc and the stamens. The plant is of branching habit and forms a clump 2 to 3 feet high; when in flower the entire bush seems to be covered producing a very striking effect in either bed or border. Pkt., 10c.

BALSAM, Double. These are the most perfect in form and largest flower yet developed in this old garden favorite, which is among the most popular of summer annuals height 1½ to 2 feet. Choice double mixed. 500 seeds, 40c; Pkt., 10c.

BARTONIA, Golden (Aurea). A native of California, and one of our showiest annuals. It produces large single golden-yellow flowers which have quite a metallic lustre when the sun shines on them. A large cluster of yellow-stamens adds to the effectiveness of the blossoms, which measure nearly 3 inches across, and are borne profusely all summer long, on bushy plants about 1 foot high. Pkt., 10c.

BEGONIA (Magnifica). A very striking bedding or pot plant, producing bright crimson flowers; dark bronze foliage, plants bushy and compact, about 10 inches high. Per 1,000 seeds \$1.00; Pkt., 10c.

(Prima Donna). Splendid bushy plants, 10 inches high by 12 inches across. The flowers are unusually large, 1 to 1¼ inches in diameter, and of charming rose color shading to carmine in center. Per 1,000 seeds \$1.00; Pkt., 10c.

(Vernon). Fine bedding and pot plant, 6 inches high, blood red flowers in profusion. Per 1,000 seeds, \$1.00; Pkt., 10c.

(Radio). The plants. 1 foot high, are strong and the blossoms form large **BLUE LACE FLOWER** (See *Didiscus caerulea*).

BRACHYCOME iberidifolia. H. H. A. The well-known "Swan-River Daisy" is a beautiful little, half-hardy annual; 18 in. Mixed colors. ¼ oz., 40c; pkt., 10c.

BROWALLIA (Speciosa Major). Free Flowering annual for either gardens in summer or pot culture in winter; produces flowers 1½ to 2 inches across, indigo blue with white throat; 1 ft. Pkt., 10c.

CALENDULA (Cape Marigold). H. A. Free and continuous flowering garden plants. 12 in.

Orange King, grandiflora. Dark orange red. Oz., 75c; pkt., 10c.

Prince of Orange. Orange, with dark eye. Oz., 75c; pkt., 10c.

Sulphur Crown. Very large double sulphur yellow. Oz., 75c; pkt., 10c.

The Ball. Very large, double orange flowers with long stems. ¼ oz., \$2.00; pkt., 25c.

Finest Mixed. All varieties. Oz., 50c; pkt., 10c.

loose clusters. The color is a pure brilliant carmine rose contrasting most effectively with the golden-yellow anthers and the brown tinted dark green foliage. Pkt., 10c.

BELLIS perennis fl. pl. (Double English Daisy). H. P. Popular Spring-flowering perennial often used with Pansies and Forget-me-nots. 6 in. Giant Mixed. Pkt., 10c.

Calendula Radio. An outstanding novelty of recent years. Rich orange like the Ball Variety but petals are quilled. Be sure to include these in your order. Pkt., 25c.

CALLIOFIS. H. A. Nothing is more effective than a large bed of these golden flowers; exceedingly free flowering.

Dwarf, Finest Mixed. All shades of yellow, red and brown. 12 in. ¼ oz., 30c; pkt., 10c.

Tall Mixed. A grand variety for cutting. 2 ft. ¼ oz., 30c; pkt., 10c.



Bellis or English Daisy



Dianthus or Hardy Pink

CAMPANULAS. H. P. All the Campanulas can be grown in ordinary gardens and will flower from seeds the following year.

pyramidalis (Chimney Bell). Very conspicuous towering spikes, with clear blue flowers. 4 ft. Mixed $\frac{1}{4}$ oz., 75c; pkt., 10c.

CANTERBURY BELLS. H. B. Well-known, handsome, hardy biennials, bearing large bell and saucer-shaped flowers in profusion; well adapted for borders. 2 ft.

medium calycanthema ("Cup and Saucer") A race of Canterbury Bells having large, semi-double flowers resembling a cup and saucer. 2 ft. Mixed. $\frac{1}{4}$ oz., 75c; pkt., 10c.

CANDYTUFT. H. A. Showy branching plants, much grown in masses in beds or for edging; also grown extensively for cut flowers. 12 in.

coronaria Giant Hyacinth-flowered. White. $\frac{1}{4}$ oz., 30c; pkt., 10c.

Mixed Annual Sorts. Oz., 40c; pkt., 10c.

CANDYTUFT HARDY. Handsome, compact-growing, hardy perennial plants, admirably adapted for permanent front rows of borders or low clumps or beds; very valuable for early decoration.

Gibraltica. Showy, large-growing, red and rosy-white; 1 to 2 feet. Pkt. 15c.

Sempervirens. Completely covered with heads of flowers in spring; 1 foot. Pkt., 25c.

CARNATION. *Marguerite*. H. H. P. The perpetual flowering Carnations produce a large proportion of double flowers in six months from sowing. 18 in.

Marguerite, Giant, Double Mixed. Extra large and perfect flowering, in a rich variety of colors. $\frac{1}{8}$ oz., 80c; pkt., 10c.

Finest Double Mixed. Border. Saved from extra fine flowers. 18 in. $\frac{1}{4}$ oz., 75c; pkt., 10c.

CELOSIA *cristata*, or Cockscomb. H. H. A. Popular annual of easy culture, producing Cockscomb-like heads.

childsi (Chinese Wool Flower). A variety of feathered Celosia with large globular flower-heads like balls of wool. 2 ft. $\frac{1}{8}$ oz., 60c; pkt., 10c.

Dwarf. Mixed colors. Extra fine strain. 9 in. $\frac{1}{4}$ oz., 75c; pkt., 10c.

CENTAUREA *cyanus* (Bachelor Button, Corn-flower, Blue Bottle, or Ragged Sailor). H. A. This is one of the most popular annuals; will grow in the poorest of soil, either on seashore or mountain. 18 in.

rosea, Double. Rose-pink. $\frac{1}{4}$ oz., 40c; pkt., 10c.

White, Double. Very pretty for decorations and borders. $\frac{1}{4}$ oz., 40c; pkt., 10c.

Finest Mixed, Double. $\frac{1}{4}$ oz., 25c; pkt., 10c.

CENTAUREA *imperialis*, Giant Imperial Sweet Sultan. H. H. A. The finest of all Sweet Sultans for cut flower purposes. 3 ft. $\frac{1}{4}$ oz., 40c; pkt., 10c.

Finest Mixed. All colors. $\frac{1}{4}$ oz., 40c; pkt., 10c.

CENTAUREA. H. A. Beautiful silvery foliaged bedding plants; used for bordering and edging.

gymnocarpa. Fine cut silvery foliage. 18 in. $\frac{1}{4}$ oz., 40c; pkt., 10c.

CERASTIUM (Snow in Summer) *Tomentosum*. A procumbent hardy perennial, having white foliage and a profusion of small white flowers. Very pretty as an edging plant. Pkt. 15c.

CHRYSANTHEMUM, Perennial Varieties. *frutescens* (The White Paris Daisy). Charming plant for greenhouse or Summer bedding outdoors. 18 in. $\frac{1}{8}$ oz., 40c; pkt., 10c.

maximum grandiflorum (The Shasta Daisy). Pure white; very large. 18 in. $\frac{1}{4}$ oz., 40c; pkt., 10c.

CHRYSANTHEMUM, Annual. These improved varieties form bushy, compact, oval plants about 18 inches high, are of easy cultivation, and flower most abundantly during the summer; very showy garden annuals and fine for cutting as the stems are stiff and long and they keep fresh for a long time in water. Single mixed and double mixed. Pkt., 15c.

CINERARIA *cadidissima*. H. H. P. A white-leaved "Dusty Miller," used for edging. 1 ft. $\frac{1}{4}$ oz., 25c; pkt., 10c.

CLEOME (Spider Flower). The feathery petals and long stamens give the flowers the appearance of an Orchid. Sow seed in May and when the seedlings are three or four inches high, thin out to stand two feet apart. The plants grow very rapidly and attain a height of from three to five feet. Pkt., 10c.

COBAEA *scandens*. H. A. C. Tender climber, large, bell-shaped blue flower. 20 ft. $\frac{1}{4}$ oz., 25c; pkt., 10c.

White. Large white, bell-like flowers, $\frac{1}{4}$ oz., 50c; pkt., 10c.

COLEUS, *Rainbow Mixed*. G. P. Richly colored foliage plants. Pkt., 10c.

COLUMBINE. (See *Aquilegia*).

CONVOLULUS, or Morning Glories. (See also *Ipomoea*). H. A. C. Deservedly very popular, as they are of the most free-flowering and rapid growing plants in cultivation, thriving in almost any situation.

major. Mixed colors. Climbers or rapid growth. 30 ft. Oz., 30c; pkt., 10c.

COREOPSIS. H. P. Long stemmed, large, single flowers. 2 ft.

grandiflora. Large flowers of rich yellow $\frac{1}{4}$ oz., 25c; pkt., 10c.

CORNFLOWER. (See *Centaurea cyanus*).

COSMOS. H. A. This is one of our most useful and beautiful Autumn flowers. To get it in bloom early, seed should be sown in May in the open ground where the plants are desired to bloom, and the seedlings allowed to grow and flower without being transplanted. 5 ft.

Double-crested, *Early-flowering*. Semi double flowers in great profusion. 5 ft.

Crimson King. Bright red. $\frac{1}{4}$ oz., 75c; pkt., 10c.

Pink Beauty. A lovely shade of pink, crested flowers. $\frac{1}{4}$ oz., 75c; pkt., 10c.

White Queen. Pure white, crested flowers. $\frac{1}{4}$ oz., 75c; pkt., 10c.

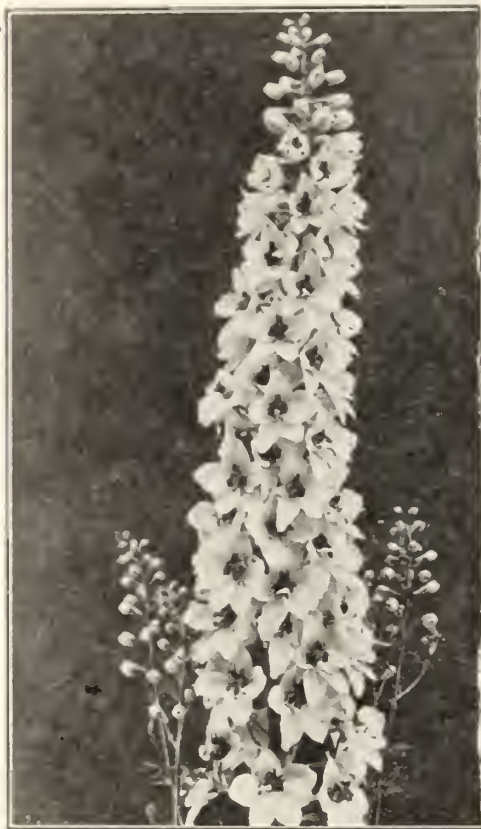
Crested Mixed. The above colors in mixture. $\frac{1}{4}$ oz., 75c; pkt., 10c.

Extra Early Giant-flowering. Mixed Colors. Flowers 4 to 5 inches across. 4 ft. $\frac{1}{4}$ oz., 50c; pkt., 10c.

Giant Late-flowering. Mixed. All shades. Blooms in September and October. 5 ft. $\frac{1}{4}$ oz., 35c; pkt., 10c.



Centaurea



Delphinium

CHINESE FORGET-ME-NOT (*Cynoglossum amabile*). A fine border plant growing 18 inches, producing sprays of bright blue flowers which bloom throughout the summer. Bloom the first year from seed. Pkt. 15c.

CYPRESS VINE, H. A. C. A fast growing annual vine, with feathery, dark-green foliage and star-like flowers. 10 ft.

Finest Mixed. $\frac{1}{4}$ oz., 25c; pkt., 10c.

DAISY, Double, (See *Bellis perennis*.)

DAISY, Single (See *Chrysanthemums*.)

DELPHINIUM. English Delphiniums are the most beautiful hardy plants in cultivation, for they have such an immense variety of beauty and increase in size, in beauty, and often in quantity, year after year. Some varieties grow 8 feet high in rich soil. They have immense spikes of most beautiful flowers of every imaginable shade of blue, and their season is long; in fact, they will bloom from Spring till Fall. The culture of Delphiniums is exceedingly simple. They thrive in almost any position, and may be planted at any time of the year, provided that in Summer the plants are not too forward, and that they be well watered if the weather is dry. The soil may be a rich, friable loam, which suits them finely; but any soil, even hot and sandy, if well watered and manured, will give excellent results. Placed in lines, as a background to a border, or in groups of say, three plants at intervals, the effect of the Delphinium is exceedingly fine. A succession of flowers may be expected from Spring to early Autumn, especially if the spikes which have done flowering early be cut down to the ground, fresh growth will then be produced which will give blossoms. Watering in Summer will increase size of spike and flower. Top-dressing is greatly recommended on cer-

Delphinium—(Continued)

tain soils, instead of the bare surface of the ground being left exposed to the sun. Some of the neater dwarf Alpine and other hardy plants may be utilized to plant between and around Delphiniums. Coal ashes strewn over the crowns will protect the plants from slugs through Winter and Spring. Any garden soil suits the Delphiniums.

Gen. Baden Powell. Delicate lavender inner petals tinted rose with a small dark eye. $\frac{1}{8}$ oz., \$2.00; pkt., 50c.

Mrs. James Keliway. Pale sky blue pink, inner petals large white eye. $\frac{1}{8}$ oz., \$2.00; pkt. 50c.

F. Carr. Genetian blue white eye single. $\frac{1}{8}$ oz., \$1.00; pkt., 25c.

Mr. Jno. Stone. Bright sky blue, slightly tinged rose with "bee" eye, one of petals tipped with black single. $\frac{1}{8}$ oz., \$1.00; pkt., 25c.

Hybrid Delphinium Mixed—English. $\frac{1}{8}$ oz., \$3.00; pkt., 25c.

belladonna. Very large-flowered, light azure blue. $\frac{1}{8}$ oz., \$1.00; pkt., 25c.

bellamosa. An improved Formosum which is not subject to mildew. Dark blue in color. $\frac{1}{8}$ oz., \$1.00; pkt., 25c.

DIANTHUS (Chinese or Indian Pinks). H. H. A. These, although biennials, bloom the first season, and should be treated as hardy annuals. They flower early in Summer and continue until frost. They are excellent for small beds or edgings, flowering profusely and in great variety of colors. 12 in.

SINGLE ANNUAL PINKS.

heddewigi. Large, attractive flowers of most brilliant colors. Finest mixed. $\frac{1}{4}$ oz., 50c; pkt., 10c.

DOUBLE ANNUAL PINKS.

chinensis fl. pl. (Chinese Pink). Large, double flowers in unlimited variety of colors. Finest mixed. $\frac{1}{4}$ oz., 50c; pkt., 10c. Large double flowers. Mixed. $\frac{1}{4}$ oz., 50c; pkt., 10c.

heddewigi fl. pl. (Japanese Pink). Large, double flowers of exquisite colors. Finest mixed. $\frac{1}{4}$ oz., 50c; pkt., 10c.

"Fireball." Large double; brilliant red. $\frac{1}{4}$ oz., 75c; pkt., 10c.

laciniatus "Salmon Queen." Very striking double flowers, rich salmon scarlet. $\frac{1}{4}$ oz., 75c; pkt., 10c.

laciniatus "Snowball." Extra large, double, pure white. $\frac{1}{4}$ oz., 75c; pkt., 10c.

HARDY PERENNIAL PINKS.

plumarius fl. pl. Pheasant's Eye. Pretty fringed double flowers. $\frac{1}{4}$ oz., 75c; pkt., 10c.

DIDISCUS coerulea (Blue Lace Flower.) H. A. An attractive annual, blooming form July until frost. Pale lavender flowers, valuable for cutting. 18 in. $\frac{1}{8}$ oz., 40c; pkt., 10c.

DIGITALIS, or **FOXGLOVE**. H. P. Producing long spikes of tubular flowers. Used extensively with good effect for naturalizing in shrubberies and half-shady places. 3 ft.

monstroza, Mixed. Very large flowers. $\frac{1}{4}$ oz., 60c; pkt., 10c.

Finest Mixed (Common Foxglove). $\frac{1}{4}$ oz., 75c; pkt., 10c.

DIMORPHOTHECA, Annual Golden African Daisy. An extremely showy annual of neat branching habits; grows about 12 inches high, flowering during the summer in continuous profusion. The single, Daisy-like blossoms $2\frac{1}{2}$ inches in diameter, are brilliant orange, with a dark-colored disk, zoned black; well adapted

Dimorphothea—(Continued).

for groups or borders; it stands the heat finely and produces its pretty flowers very early in sunny situations and will continue to flower during the summer. Pkt., 10c.

DOLICHOS or **Hyacinth Bean**. Annual climbers, of rapid growth, 10 feet high, with Wisteria-like clusters of flowers, followed by bronzy-purple seed pods.

Japanese Giant Crimson—Blush deepening with age to dark red. Pkt., 10c.

Japanese Giant White—Long spikes of clear white flowers. Pkt., 10c.

ESCHOLTIA, or CALIFORNIA POPPY. H.

A. Very attractive annuals for beds, edgings, masses; profuse flowering; fine cut, glaucous foliage; in bloom from June to frost. 12 in. Double mixed, all colors. Oz., 50c; pkt., 10c.

EUPHORBIA heterophylla (Fire on the Mountain). H. A. Leaves large and glossy green, often tipped with orange-scarlet. 3 ft. $\frac{1}{4}$ oz., 40c; pkt., 10c.

variegata (Snow on the Mountain). White and green bracts, excellent for bouquets. 2 ft. $\frac{1}{4}$ oz., 35c; pkt., 10c.

GAILLARDIA. H. A. Showy garden annuals; they flower uninterruptedly from early Summer until frost; the flowers are of large size and afford charming tints in their color schemes. 2 ft.

picta Mixed, Single. Annual varieties. $\frac{1}{4}$ oz., 35c; pkt., 10c.

lorenziana, Double Mixed. $\frac{1}{4}$ oz., 35c; pkt., 10c.

GERANIUM Giant Flowering Hybrid. The flowers are of the most perfect form, borne in splendid trusses, forming balls 14 inches in circumference. The colors include shades of scarlet and crimson, rose, pink, salmon, cream-veined pink, blush, snowy-white and all of the new auriole types. These stand the hot sun and, although perennials, they will flower the same season, if the seed is sown indoors early in the spring; 12 to 18 inches high.

Single Giant-flowering Hybrids. Mixed colors. Pkt., 25c.



Digitalls or Foxglove



Transvaal Daisy

GERBERA (Transvaal Daisy) Perennial. A beautiful race of flowering plants brought into prominence recently with the introduction of an improved large-flowering scarlet type and the new various-colored hybrids. They are half hardy perennials, usually grows as greenhouse or window plants where they flower continuously. The Daisy-like blossoms, 3 to 4 inches across, being borne on 12 to 18-inch stems, are unsurpassed as cut flowers, being of splendid lasting substance. For garden culture in cold climates the plants are wintered over in cold frames like Pansies, etc., but they are usually grown as green house plants.

Giant Scarlet. Flowers 3 to 4 inches across, on 2 to 3-foot stems; color intense scarlet. Pkt. 25c.

Adnet's New Hybrids. A French strain that has created a furor in the European floral world. The colors are of incomparable delicacy and richness, in which an infinity of tints, from pure white through yellow, orange, salmon, rose, cerise and ruby-red to violet are represented. Sometimes the coloring of the disk differs from that of the rays. Pkt. 35c.

One packet of each of the above two Gerberas for 50c.

GEUM (Perennial). Following the introduction of these modern varieties Geums have become very popular and seed is in great demand. They are particularly valuable for the herbaceous border, because if the old stems are kept cut back they will remain in bloom over a much longer period than other hardy plants. Geums are hardy perennials producing dwarf tufted plants from which rise graceful stems, two feet high, bearing

beautiful double flowers which are borne freely throughout the entire summer. They are also valuable for cut flowers.

Lady Stratheden. Fine double yellow flowers. Pkt., 25c.

Orange Queen. The beautiful double orange flowers are borne freely throughout the entire summer. Excellent for cut flowers. Pkt. 35c.

Mrs. Bradshaw. Beautiful double crimson scarlet flowers. Pkt. 25c.

GLOBE AMARANTH (GOMPHRENA). H. A. Clover-like heads of flowers; esteemed as everlasting. 12 in.

globosa. Mixed colors. $\frac{1}{4}$ oz., 35c; pkt., 10c.

GLOXINIA. Charming pot plants for conservatory, greenhouse or window garden. They flower in great profusion, having gorgeous colors, many of which are magnificently spotted and mottled; 1 foot.

Large flowering. Mixed. From a choice selection. Pkt. 50c.

GOURDS. H. A. C. Thirty annual climbers, bearing "Ornamental Gourds." 10 ft.

Dipper-shaped. Oz., 40c; pkt., 10c.

Dishcloth (Chinese Loofa, or Sponge Gourd). Large, elongate fruit; spongy inside. Flowers deep golden yellow. Oz., 40c; pkt., 10c.

Egg. Fruit white; resembles eggs. Oz., 40c; pkt., 10c.

Hercules' Club. Enormous fruit; often 4 feet long, thicker at the base. Oz., 50c; pkt., 10c.

Sugar Trough. Oz., 50c; pkt., 10c.

Mixed Ornamental Varieties. Oz., 40c; pkt., 10c.

GYPHOPHILA (Baby's Breath). H. A. Extremely useful for bouquets. Flowers small and come in delicate sprays and panicles.

convent garden. An improved large flowering pure white form of the annual Baby's Breath. Oz., 50c; pkt., 10c.

paniculata. H. P. One of the finest for cutting. Pure white flowers, very small and borne in large panicles. 2 ft. $\frac{1}{4}$ oz., 50c; pkt., 10c.

HELICHRYSUM, or STRAWFLOWER. H. A. Large, double "everlasting" flowers. 2 ft.

Large Flowering, Double, Mixed Colors. $\frac{1}{4}$ oz., 25c; pkt., 10c.

Finest Mixed. $\frac{1}{8}$ oz., 30c; pkt., 10c.

HELIOTROPE—2 ft. Heliotrope is a universal favorite on account of its delightful fragrance and duration of bloom, flowering equally well as bedding plants in summer, or as pot plants in the house during the winter. Seed sown in the Spring makes fine plants for bedding out, and are easily grown as Verbenas.

mammoth mixed. Flowers of great size and ranging in shade from dark blue to lilac. Pkt. 15c.

HIBISCUS or Marsh Mallows. These are showy, hardy, perennial plants, forming bushes about 4 feet high, bearing immense bowl-like flowers, often 6 inches across.

Giant Yellow. Yellow, garnet throat. Pkt., 10c.

Hollyhock Double

HOLLYHOCKS. H. P. One of the showiest of hardy garden plants. No garden is complete without these stately flowers. Hollyhocks are troubled of late with a rust, which can be prevented if plants

are sprayed frequently in early Spring with Bordeaux Mixture. 6 ft.

Giant Double Fine Mixed. $\frac{1}{8}$ oz., 40c; pkt., 10c.

Chater's Extra Choice, Double Mixed Colors. $\frac{1}{8}$ oz., 60c; pkt., 10c.

Hybrid Everblooming, Double, Mixed. Flowers the first season from seed. Very fine colors. $\frac{1}{4}$ oz., 60c; pkt., 10c.

Hybrid Everblooming. Single, Mixed. $\frac{1}{4}$ oz., 40c; pkt., 10c.

LARKSPUR (Consolida Candelabra fl. pl.) Popular garden annuals. This splendid class grows 2 to 3 feet high and bears flowers on long stems, rendering them of exceptional value for cutting purposes. They are of easy culture, thriving in almost any soil—but a sunny situation suits them best.

Carmine, Dark Blue, Light Blue, Rose, White, Mixed Colors, 10c per Pkt.

IPOMOEA, Morning Glory. (See also **CONVOLULUS**). H. A. C. Climbers of rapid growth, with beautiful and varied flowers; for covering walls, trellises, arbors or stumps of trees they are invaluable. 20 ft.

cardinalis, (Cardinal Flower). A rapid growing annual, with deep cardinal red flowers and lacinated foliage. $\frac{1}{8}$ oz., 50c; pkt., 10c.

grandiflora alba (Moonflower). Large, heart shaped leaves and large, pure white flowers, which open only late in the evening. $\frac{1}{4}$ oz., 35c; pkt., 10c.

rubro coerulea (Heavenly Blue). Beautiful, sky-blue flowers. $\frac{1}{4}$ oz., 35c; pkt., 10c.

Imperial Japanese, Mixed. A great improvement over the old-fashioned sorts. Oz., 50c; pkt., 10c.

quamoclit. (See **CYPRESS VINE**.)

KOCHIA trichophylla (Belvedere Summer Cypress, or Mexican Firebush). H. A. Grows in a perfectly pyramidal shaped cypress bush, with small, feathery, light-green foliage. Becomes a lovely crimson hue about September. 2½ ft. $\frac{1}{4}$ oz., 25c; pkt., 10c.



Hollyhock—Double

LATHYRUS latifolius, Perennial Sweet Pea. H. P. Hardy climbers. Fine for cutting. 6 ft.
latifolius. Purplish-red. $\frac{1}{4}$ oz., 40c; pkt., 10c.

White Pearl. A large flowering, robust growing variety of the above. $\frac{1}{4}$ oz., 75c; pkt., 10c.

Pink Beauty. Rosy pink. $\frac{1}{4}$ oz., 40c; pkt., 10c.

Finest Mixed. All colors. $\frac{1}{4}$ oz., 30c; pkt., 10c.

LIATRIS SPICATA (Gay Feather or Blazing Star). Highly desirable for the border. The plants grow over 3 feet high and produce long spikes of purple and rosy-purple flowers from July to September. This is a hardy perennial and the flowers are much in demand for cutting purposes. Pkt. 25c.

LOBELIA, Bedding varieties. This charming class forms compact bushes about 6 inches high which are fairly sheeted with bloom throughout the season. Highly desirable for edgings, ribbon bedding and garden decoration, as well as for pot culture. They flower the first season from seed. Mixed colors. Per 1,000 seeds 25c, Pkt., 10c.

Speciosa. Fine trailing sort for hanging baskets and boxes. flowers dark blue with dark foliage. Per 1,000 seeds 25c; Pkt., 10c.

Lobelia, Hardy. Tall growing, hardy perennials with long spikes of brilliant flowers; for permanent beds and borders they are unrivaled; they are one of the few flowering plants that thrive in shady situations; 2 to 4 ft. Pkt., 10c.

Cardinalis, (Cardinal Flower) Intense scarlet. Pkt., 10c.

LUPINUS. Free flowering plants, with long spikes of flowers. The Annual and Perennial varieties are among the most useful of our garden flowers, either for mixed borders or house decorations. 2 ft.

Tall Mixed. Annual Varieties. Oz., 40c; pkt., 10c.

Mixed Perennial Varieties. $\frac{1}{4}$ oz., 25c; pkt., 15c.

Lynchis (Lamp Flower) Chalcedonia. The scarlet Lynchis, and old garden favorite, bearing heads of bright scarlet flowers; very hardy, 3 to 4 ft. Pkt., 10c.

Haageana Hybrids, Mixed Colors. Usually grown as annuals, of dwarf, bushy habit, bearing flowers an inch or more across in continuous succession until frost; colors are particularly pleasing—white to rich scarlet and shades of pink; height 1 foot. Pkt. 10c.

MARIGOLD. H. A. Widely grown hardy annuals, invaluable for bedding and producing an elegant display of yellow, orange and brown flowers from early Summer till frost.

AFRICAN VARIETIES

African varieties. Showy flowers. 3 ft.

Lemon Queen. A charming shade. $\frac{1}{4}$ oz., 50c; pkt., 10c.

Prince of Orange. Beautiful orange color. $\frac{1}{4}$ oz., 50c; pkt., 10c.

Mixed Double. $\frac{1}{4}$ oz., 50c; pkt., 10c.

FRENCH VARIETIES

French Varieties. Small double flowers. 12 in.

Dwarf Gold Striped. Rich and quaintly striped double flowers. $\frac{1}{4}$ oz., 50c; pkt., 10c.

Dwarf, Mixed, Double. $\frac{1}{4}$ oz., 35c; pkt., 10c.

MARVEL OF PERU (Four O'Clocks). H. A. A well-known handsome, free flowering garden favorite; does well everywhere. 2 ft. Mixed. Oz., 50c; pkt., 10c.

MATRICARIA SNOWBALL (Double White Feverfew). This splendid variety of *M. alba plenissima* or "Double White Feverfew" forms bushy annual garden plants, bearing quantities of pure snow-white double flowers in dense clusters almost covering the oval plants with bloom; height, 8 inches. Very desirable for bedding and fine for cutting. Pkt., 10c.

MAURANDIAS GIANT-FLOWERING. These are grand improvements over the older well-known climbers. The flowers are fully double the size, and the plants



Climbing Nasturtiums

and foliage are correspondingly larger and more robust, attaining a height of 6 to 10 feet; the vines quickly hide trellis from view and are thickly studded with flowers nearly as large as Gloxinias. The plants from seed sown in spring will begin flowering by July and continue until frost. Mixed colors. Pkt., 25c.

MECONOPSIS BAILEYII (Blue Thibetan Poppy). This beautiful blue perennial poppy throws up from its root-stock half a dozen leafy stems, 2 to 3 feet high, well furnished with broad sea-green leaves and bearing freely at their heads large four-petalled blooms of a glorious sky-blue color, the effect of which is enhanced by a central zone of

golden yellow anthers. This superb plant has been accorded by the Royal Horticultural Society a First Class Certificate and an Award of Merit. It is hardy, and should soon become one of the most popular plants in cultivation. Pkt., 50c.

MIGNONETTE, Large Flowering. H. A. The popular fragrant garden annual. The seed can be sown at any time, and if successive sowings are made, its fragrant, modest colored flowers may be gathered outdoors until November. 12 in. Pkt., 10c.

Sweet-Scented (*Reseda odorata grandiflora*). The large flowering garden variety. Oz., 50c; pkt., 10c.

MIRABILIS. (See MARVEL OF PERU).

MOMORDICA (Balsam Apple). Balsamina. Annual Climber; 15 feet; bearing ornamental orange colored fruits with red interiors. Pkt., 10c.

MOON FLOWERS. (See IPOMOEA grandiflora.)

MORNING GLORIES. (See IPOMOEA and CONVULVULUS.)

MYOSOTIS, or FORGET-ME-NOTS. H. H. P. Fine for edging or in beds with Pansies, Daisies, etc. Seed may be sown any time from Spring until Midsummer. 9 in.

alpestris, Blue. $\frac{1}{4}$ oz., 40c; pkt., 10c.

NASTURTIIUM. One of the most popular of all annuals, as everyone can grow it. Sow anywhere, except in the shade. No ground is too poor to grow it. It is fine for cutting. The tall or trailing variety is a useful plant for trailing over walls or stumps, also for porch boxes, for hanging baskets. Dwarf variety forms compact bushes. Flowers all summer. All varieties not specifically quoted. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.50.

TALL OF GIANT NASTURTIUMS

Variegated Leaved. Leaves and flowers like the dwarf variety.

Chameleon. Similar to the Dwarf.

Dark Crimson. Rich and velvety.

Jupiter. Giant flowered and giant leaved; the blooms, 3 inches across, are bright yellow, marbled with scarlet.

Moonlight. Creamy white.

Prince Henry. Light yellow, marbled with scarlet.

Rose. Bright soft pink; very choice.

Sunlight. Deep orange, blotched with crimson.

Vesuvius. Rich velvety salmon; dark green leaves.

Dwarf Mixture. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.

Tall Mixture. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50. Postpaid.

DWARF OR TOM THUMB NASTURTIUMS

All varieties, unless otherwise quoted, pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; postpaid.

Variegated Leaved. Strikingly beautiful even when not in bloom; each leaf is variegated with yellow, white and green. The flowers are of many colors and show to splendid advantage among the richly variegated foliage. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.

Fancy Fringed. The flowers are fringed around the entire bloom, particularly the three lower petals; colors range from yellow to scarlet. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.

Dwarf Varieties Mixed. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50. Postpaid.



Double Giant, Fringed Petunia

NICOTIANA (Flowering Tobacco).

affinis Hybrids. Most showy and profuse-flowering garden annuals, giving a continuous display of brilliant flowers through summer and autumn; easily grown from seed, commencing to flower in a few weeks from sowing, thriving in a sunny position in any good garden soil. The plants, of branching, bushy habit, 2 to 3 feet high, carry the flowers in clusters, measuring 1½ to 2 inches across, and are very fragrant. Purple, white, dark red, light red, salmon, violet, rose and pink. Mixed colors. Pkt., 10c.

NIGELLA ("Love-in-a-Mist"). Lovely garden annuals growing in oval bush form, about 12 to 15 inches in height. In the finely cut fern-like green foliage nestle numerous large double flowers of light blue or white. The charming effect having suggested the popular names of "Love-in-a-Mist," "Devil-in-a-Bush," etc.

Miss Jekyll, Blue. Large, double, light blue. Pkt., 10c.

Miss Jekyll, White. Pure white flowers. Pkt., 10c.

Double Mixed. The tall type. Pkt., 10c.

NEMESIA. Triumph Hybrids. A splendid race of these popular annuals. The plants grow 6 to 8 inches high, in bushy form, and bear continuously, myriads of brilliantly colored flowers; cream, orange, yellow, crimson, rose, scarlet, etc., lipped with other colors. Mixed colors. Pkt., 15c.

NEMOPHILA (California Blue-bell). Splendid annuals about 1 foot high for garden decoration; clusters of bright-colored flowers in shades of blue, white and violet, margined, dotted, etc., borne freely all summer long if grown in a rather cool, partially shaded situation. Mixed colors. Pkt., 10c.

OENOTHERA ("Evening Primrose"). These are among our most beautiful annual plants for mixed garden beds and borders. They grow in branching form 1 to 2 feet in height and produce freely and continuously large, single, Poppy-like flowers of white, yellow, rose color, etc. The blossoms open early every evening and last well into the following day. They are of the easiest culture in any sunny situation.

Royal Rose. "Mexican Evening Primrose." Rose color. Pkt., 10c.

Mixed Annual Varieties. Pkt., 10c.

PETUNIA. H. A. One of our easiest cultivated and freest flowering annuals. Will succeed almost anywhere and give a continuity of the most brilliant bloom from June till killed by frost. 18 in.

Double Giant, Fringed, Finest Mixed Hybrids. An exceptionally fine strain, remarkable for the large, beautiful, colored double flowers. Pkt., 50c.

Single Varieties:

Superb Large-flowered Mixed (California Giants). Magnificent flowers with throats beautifully veined. Pkt., 10c.

Large-flowered, Finest Mixed. Fine large flowers in superb mixture. 1-16 oz., \$1.00; pkt., 10c.

maculata, Striped and Blotched (Inimitable). Flowers quite large and handsomely striped and spotted. 12 in. ¼ oz., 50c; pkt., 10c.

Balcony Blue. Adapted for vases and window boxes. Pkt., 10c.

Balcony Rose. Pkt., 10c.

General Dodds. Very fine dark red. ¼ oz., 75c; Pkt., 10c.

Howard's Star. Crimson with white star. ½ oz., 50c; pkt., 10c.

Purple Bedder. A beautiful purple bedding variety. 1-16 oz., 75c; pkt., 10c.

Rosy Morn. Soft carmine pink, ½ oz., 60c; pkt., 10c.

PANSY. H. H. P. The most popular flower grown. They thrive best in a cool, moist, but well-drained soil. Sow the seeds in April and May for Summer flowering and August for early flowers the following Spring. Our mixtures contain a large variety of colors.

Mammoth Exhibition, Extra Large Mixed. Per oz., \$9.00; pkt., 50c.

Wood, Stubbs & Co's. Imperial. A very fancy strain; all colors. Pkt., 15c; ½ oz., \$1.50; ¼ oz., \$2.75; 1 oz., \$8.00.

Large Flowering Mixed. Many standard varieties. Pkt., 10c; ½ oz., 50c; ¼ oz., 85c; 1 oz., \$3.00.

PHLOX drummondii grandiflora. H. A. Improved large-flowering strains of this famous garden annual. It will grow and thrive in any kind of soil if given a sunny position, but prefers a light, rich loam. Seed may be sown in the open ground any time after danger from frost is past. 12 in.

Choicest Mixed. Contains a very large variety of color. ¼ oz., 50c; pkt., 10c.

PHLOX HARDY, Large-flowering, Dwarf Varieties. Effective for beds or borders. 6 in.

nana compacta, Mixed Colors. Star-shaped flowers. ½ oz., 75c; pkt., 10c.

PHYSALIS francheti (Chinese Lantern). H. B. Balloon-like fruits. 3 ft. Pkt., 10c.

PHYSOSTEGIA (False-Dragonhead). H. P. 3 ft.

virginia. One of the prettiest hardy perennials. It forms dense bushes bearing freely spikes of delicate pink tubular flowers. ½ oz., 40c; pkt., 10c.

PLATYCODON. H. P. The large-flowering Chinese Bell Flowers. 2 ft. Pkt., 10c.

POLYANTHUS (Primula Elatior) An early blooming Primrose for spring flower beds or pot culture; the large umbels of flowers of various colors, edged and laced, are borne on stalks 8 inches tall. Mixed colors. Pkt., 25c.

POPPIES. Showy, free blooming, old-fashioned flowers. Very effective in mixed borders.

Single Annual Varieties, 12-in.:

glaucum. The Scarlet Tulip Poppy. ¼ oz., 35c; pkt., 10c.

Extra Selected Shirley. A grand variety of colors, saved from selected flowers. Their brilliant dazzling coloring and wonderful variety make a very effective display in the garden or for cut flowers. ¼ oz., 35c; pkt., 10c.

Rose-pink Shirley. A beautiful pink variety. ¼ oz., 50c; pkt., 10c.

Single Mixed Poppies. All kinds. ¼ oz., 25c; pkt., 10c.

Double Annual Varieties:

Eldorado Double Mixed. A double form of Shirley Poppy, in choice mixtures. ¼ oz., 35c; pkt., 10c.

Hardy Perennial Varieties:

bracteatum. Orange-scarlet hardy Poppy. ¼ oz., 25c; pkt., 10c.

Iceland Poppies. While these are hardy perennials, they flower the first year from seed, blooming almost as quickly as the annual sorts. 12 in.

nudicaule (Iceland Poppy) Dwarf, bright yellow. ¼ oz., 40c; pkt., 10c.

nudicaule Mixed Iceland Poppies. ¼ oz., 40c; pkt., 10c.

Oriental Poppies Mixed Hybrids. 3 ft. Finest shades. ¼ oz., 40c; pkt., 10c.

PORTULACA. H. A. One of the freest flowering dwarf annuals, especially adapted for sunny locations. Flowers of the most brilliant colors. 6 in.

Single Mixed. All color. ¼ oz., 35c; pkt., 10c.

Double Large Flowering. Will produce a large percentage of double flowers in many colors. Pkt., 10c; ¼ oz., 35c.



Pansy Mammoth Exhibition



Pyrethrum

PRIMULA (Primrose). Giant Fringed Chinese. Chinese Primroses are among our finest winter and spring blooming pot plants; of healthy, sturdy growth, 8 to 12 inches high, and free from in-larger trusses of flowers, which, in our sects; while they reduce for weeks new Giant varieties, average $4\frac{1}{2}$ to 6 inches in circumference.

Giant, Double, Mixed Colors..Pkt., 50c
Giant, Single, Mixed Colors..Pkt., 25c

Primula Obconica Gigantea. These Ever-flowering Primroses are favorite pot plants for house and conservatory. This new giant Obconica race produces flowers of great size, many of them measuring $1\frac{1}{2}$ inches across, equaling the flowers of the Chinese Primrose with the added merit of being more easily grown and having a longer duration of bloom. Several colors in mixture, white, crimson, rose, violet, blue, lilac, pink-eyed sort etc. Pkt. 25c.

Primula Acaulis or Hardy Blue Primrose. A beautiful, blue-flowered type, hardy, and splendid for naturalizing among shrubs in turf or the herbaceous border. Pkt., 25c.

PYRETHRUM. H. H. P. Fine for edging and borders. 6 in.

H. P. Large Daisy or Cosmos-like flowers; blooms in early Summer and late Fall. 18 in.

mybridum fl. pl., Double. Large-flowering, beautiful colors. $\frac{1}{8}$ oz., \$1.50; pkt., 10c.

RICINUS (Castor Oil Plant). H. A. From seed they quickly attain gigantic proportions and are ornamental till destroyed by frost. 6 ft.

zanzibarensis, Mixed. Immense leaves. 8 ft. oz., 35c; pkt., 10c.

SALVIA (Flowering Sage). H. A. One of our most handsome summer and Autumn-flowering plants, growing into compact bushes 2 to 3 feet high and literally ablaze with brilliant flowers.

Splendens grandiflora (Scarlet Sage). A rich flowered bedder. $\frac{1}{4}$ oz., \$1.00; pkt., 10c.

Globe of Fire. The earliest, freest and most continuous bloomer. $\frac{1}{8}$ oz., \$1.00; pkt., 10c.

Summer-flowering Fireball. A brilliant scarlet variety that will come into flower in July. 2 ft. Pkt., 10c.

SALPIGLOSSIS, EMPEROR. A new, giant-flowering race of this beautiful and popular garden annual. The immense, Petunia-like flowers are borne of dwarf, sturdy branching plants, not exceeding 24 inches in height, and do not require staking. The colors are intricately netted, penciled and veined with golden-yellow or other colors. They are of the easiest culture and flower profusely during the summer. A bed of Emperor Salpiglossis in flower is strikingly beautiful. The long stemmed flowers are also fine for cut flower decorations.

Light Blue. Veined gold. Pkt., 10c.

Bright Crimson, Pkt., 10c.

Golden-Yellow, Pkt., 10c.

Lilac. Veined Gold, Pkt., 10c.

Pink, Pkt., 10c.

Purple-violet. Veined Gold, Pkt., 10c.

Mixed Colors, Pkt., 10c.

SCHIZANTHUS ANNUAL. Wonderfully showy half-hardy annuals, very decorative for garden beds and unsurpassed in pots for the conservatory. The seed germinates readily and in a few weeks' time. The plant is a mass of brilliant flowers, in an extraordinary variety of colorings. The foliage of the plant is very delicate and fern-like and highly decorative in appearance. Our Hybrid and Wisetonensis strains as well as the Retusus varieties are particularly valuable for pots and decoration purposes and the taller varieties produce a most delightful effect when allowed to ramble freely on suitable supports.

Giant Flowering Hybrids. A superb new strain, growing robust and bushy, $1\frac{1}{2}$ to 2 feet in height, with handsome bright green, fern-like foliage. The flowers, borne in great profusion, are unusually large, measuring from 1 to $1\frac{1}{4}$ inches across; they are of much substance—very lasting—and show an endless variety of bright colorings. The light varieties of white, pink, buff-rose or yellow have beautifully marked centers, zoned by a deeper shade. The darker sorts are of purple, mauve or red, with center lines of yellow or white, margined by a deep tone of the ground color. Pkt., 25c.

SEDUM ACRE, Stonecrop. A fine hardy perennial plant for rock gardens, having beautiful yellow flowers. No Rockery is complete without this favorite plant, and it is also useful for garden edgings. Pkt., 25c.

SCABIOSA, or MOURNING BRIDE. H. A. One of our best Summer flowering annuals. The rich and beautiful colored flowers are very handsome and excellent for cutting; profuse bloomer. June to October. $2\frac{1}{2}$ ft. Pkt., 10c; $\frac{1}{8}$ oz., 25c; 1 oz., 40c.

STATICE. H. A. Beautiful free-flowering plants adapted for beds or borders. The flowers, when dried, make pretty decorations for winter use. $1\frac{1}{8}$ to 2 ft.

sinuata hybrida mixed. Flowers mauve, purple, white and yellow. $\frac{1}{4}$ oz., 50c; pkt., 10c.

STOCKS (Gilliflower). H. A. One of the most highly prized of all our cultivated flowers. The delightful fragrance, free-blooming character and beautiful colors have made them as desirable for Winter cultivation in the greenhouse as for the garden in Summer; invaluable as cut flowers.

Giant Perfection Ten-Weeks. A splendid double-flowered strain; especially adapted for bedding or pot culture.

Large Flowering Ten-Weeks, Mixed Colors. $\frac{1}{8}$ oz., 75c; pkt., 10c.

Winter Flowering Stocks:

Cut-and-Come-Again, Princess Alice. Double white. Pkt., 25c.

Finest Mixed. 1-16 oz., 60c; pkt., 10c.

STOKESIA cyanea. H. P. Lavender-blue flowers. 2 ft. $\frac{1}{4}$ oz., 75c; pkt., 10c.

Finest Mixed. A mixture of pink, purple, blue and white shades. $\frac{1}{4}$ oz., 60c; pkt., 10c.

SUNFLOWER. H. A. Well-known hardy annuals, the small-flowering sorts being very useful for cutting, while the larger sorts are very ornamental and useful, blooming all Summer.

Double California. Deep yellow. 5 ft. oz., 40c; pkt., 10c.

Chrysanthemum-flavored. Rich golden yellow flowers. 5 ft. Oz., 40c; pkt., 10c.

Red Hybrids. "The Red Sunflower." Large flowers in various shades of red and dark centers. 4 ft. $\frac{1}{4}$ oz., 25c; pkt., 10c.

Stella (Improved Miniature Sunflower). Yellow. 3 ft. $\frac{1}{4}$ oz., 25c; pkt., 10c.

STATICE (Sea Lavender) ANNUAL

These new varieties of the annual Sea Lavender are unusually charming when dried for winter bouquets. They are also valuable for growing in rockeries; plants attain a height of about two feet.

Sinuata Atrocerulea. Dark blue. Pkt., 15c.

Sinuata Carminea. Bright red. Pkt., 15c.

Sinuata Rosea. Brilliant rose. Pkt., 15c.

SWEET WILLIAM (Dianthus barbatus). H. Showy hardy biennials of easy culture; splendid for beds and borders with their rich varied flowers. $1\frac{1}{2}$ ft.

Double-flowering. Mixed. $\frac{1}{4}$ oz., 50c; pkt., 10c.

Single-flowering, Finest Mixed Colors. $\frac{1}{4}$ oz., 20c; pkt., 10c.


VERBENA. H. A. The Verbena is a universal garden favorite, very few plants making a more gorgeous display of brilliant flowers from Spring till late in the Autumn. 12 in.

Mammoth Coerulea. Bright blue and purple in various shades. $\frac{1}{4}$ oz., 60c; pkt., 10c.

Mammoth Finest Mixed. Extra choice. $\frac{1}{4}$ oz., 60c; pkt., 10c.



Stokesia



There are no Annual Climbers that are more popular or more admired by everybody than Sweet Peas. They are of the easiest culture, unrivaled for cutting, delightfully fragrant and of the brightest and daintiest colors imaginable. As soon as the ground can be worked in the Spring, sow the seed in trenches at least 6 inches in depth, then as the plants grow fill in the soil about one inch at a time until the trenches are full, taking care not to cover the young plants. Liquid manure applied occasionally will be found very beneficial. Pick the flowers frequently, for if allowed to form seed the plants will soon stop blooming.

The Spencer Types of Sweet Peas are a great improvement over the large flowering varieties. For cutting and exhibition purposes they are indispensable.

The following varieties are a selection of the many kinds of this class best adapted for general use.

Afterglow. Reddish-mauve, violet wings.

Apple Blossom Spencer. Rose standards, blush rose wings beautifully waved.

Frederick Austin. Pure lavender.

Blanche Ferry Spencer. Rose standard with white wings.

Captain of the Blues. Maroon purple, wings blue.

Countess Spencer. Soft rose pink; large, wavy petals.

Edward Cowdy. The best orange scarlet.

Elfrida Pearson. Blush pink, deepening toward the edges.

Fiery Cross. A fine red or scarlet, with no shading.

Hawthorn Pink. Bright rose-pink, flushed salmon.

King White. A perfect white Spencer, immense petals.

Margaret Atlee. Salmon-pink, suffused over a cream ground.

Miriam Beaver. Beautiful shell salmon-pink, a cream ground.

Commander Godsall. Violet blue.

Hebe. Rosy pink.

Primrose Spencer. Primrose or creamy yellow.

Valentine. Blush pink; flowers of large size and waved.

Doreen. Large carmine.

White Spencer. A pure white with long stems.

Any of the above varieties: Pkt., 10c; 1/2 oz., 20c; oz., 30c; 1/4 lb., \$1.00; 1 lb., \$2.50. Post paid.

Mixed Spencers—Most of alive varieties mixed—Pkt., 10c; oz., 20c; 1/4 lb., 50c; 1/2 lb., \$1.50; 1 lb., \$2.00. Post paid.

Prices Post Paid

The following varieties are a selection of the best Winter flowering varieties. They are also suitable for outside planting.

Early Vulcan. Dazzling crimson scarlet. Pk., 15c; 1/4 oz., 30c; oz., 75c.

Snowstorm Improved. The finest of all the white varieties. Pkt., 15c; 1/4 oz., 20c; oz., 50c.

True Blue. A charming shade of true or light violet-blue. Pkt., 15c; 1/4 oz., 20c; oz., 50c.

Zvolanek's Blue. A very bright blue. Pkt., 15c; 1/4 oz., 20c; oz., 50c.

Giant Rose. A beautiful self, rose color. Pkt., 15c; 1/4 oz., 30c; oz., \$1.00.

Mr. Kerr. Salmon. Pkt., 15c; 1/4 oz., 30c; oz., \$1.00.

Early Glitter. Enormous size of Glittering fiery orange. 1/4 oz., 30c; oz., 75c.

Early White Harmony. Pkt., 15c; 1/4 oz., 20c; oz., 50c.

Early Flowering Mixed. Pkt., 15c; 1/4 oz., 20c; oz., 50c.

Crimson King. Rich ox blood crimson.

Scarlet Emperor. The largest and brightest scarlet.

VERONICA. H. P. Splendid, hardy perennials, with showy spikes of bright-colored flowers; fine border plant. 1 1/2 to 2 ft.

Spicata Blue. Bright blue. 1/4 oz., 40c; pkt., 10c.

VIOLA, Tufted Pansies. H. H. P. Valuable for bedding and may be grown in the same manner as Pansies. Very free flowering, 6 in.

Finest Mixed, all colors. 1/4 oz., 75c; pkt., 10c.

VIOLET, Viola odorata. H. P. Sweet scented violet, blue. 6 in. Pkt., 25c.

WALLFLOWER. H. H. P. Well known, deliciously fragrant, half-hardy perennials, blooming early in the Spring, with spikes of beautiful flowers. They should be protected in a cold frame in the Winter, and planted out in April. 12 in. allioni (Alpine Wallflower). See CHEIR-ANTHUS).

kewensis. Very fragrant, sulphur-yellow flowers, passing to orange-yellow or purple-violet. Fine for Winter flowering in greenhouse. 1/8 oz., 75c; pkt., 15c.

Single Fine Mixed. Hardy varieties. 1/4 oz., 35c; pkt., 10c.

Double Fine Mixed. Hardy varieties. 1/8 oz., \$1.00; pkt., 25c.

ZINNIAS (Youth and Old Age). H. A. These well-known garden favorites are one of the most brilliant summer-flowering plants. The flowers are large, very handsome, and borne in great profusion. They succeed best in a sunny situation. 2 ft.

Matchless, Double Tall Varieties.

	1/8 oz.	Pkt.
Double, Crimson	\$0.30	\$0.10
Double, Lavender	.30	.10
Double, Purple	.30	.10
Double, Rose	.30	.10
Double, Scarlet	.30	.10
Double, White	.30	.10
Double, Yellow	.30	.10
Double, Fine Mixed	.30	.10

Giant Dahlia-flowered. These are similar to the Double Dahlia in size and shape of flowers. 2 1/2 ft.

Buttercup. Deep creamy-yellow. 1/8 oz., 50c; pkt., 25c.

Crimson Monarch. Largest of the red shades. 1/8 oz., 50c; pkt., 25c.

Dream. Deep lavender, turning to purple. 1/8 oz., 50c; pkt., 25c.

Exquisite. Light rose, with center a deep rose. 1/8 oz., 50c; pkt., 25c.

Golden State. A very rich orange-yellow, 1/8 oz., 50c; pkt., 25c.

Oriole. An immense orange and gold bicolor. 1/8 oz., 50c; pkt., 25c.

Polar Bear. A very large pure white. 1/8 oz., 50c; pkt., 25c.

Scarlet Flame. A large, beautiful bright scarlet. 1/8 oz., 50c; pkt., 25c.

Dahlia-flowered Mixed. 1/8 oz., 50c; pkt., 25c.

Dwarf Double Mixed. Large flowering, 1/4 oz., 35c; pkt., 10c.

Handy Perennial Flowers



(All prices F. O. B. Louisville. No orders sent C. O. D.)

Hardy perennials, that is those that stay out all winter, come again every spring and bloom more profusely than ever, offer to the average home owner an opportunity for flowers every week of the growing season.

Gardening offers untold pleasures and undescribed satisfaction and the perennial border holds out in prospect, many pleasant minutes to those who choose to plant one.

Perennials are easily grown, and make the garden cheerful with their great masses of brilliant colors. They are useful for border planting, and in foundation plantings. From this list of varieties you can select an assortment that will give you flowers all summer.

Remember when these are once established in your garden you do not have to plant every year. They will come up from the roots year after year, and increase in the glory and abundance of their flowers. Our plants are heavy and will bloom the first year.

PLANTING SUGGESTIONS

Distance—Ordinarily you plan to set perennials 18 inches apart. For the dwarf varieties 15 inches. If you block off your border in squares you will quickly ascertain your requirements and in planting vary, of course, from the rigid lines, but try to alternate them as the effect is better.

Grouping—Try to arrange them in groups of three or more of a variety, depending on the size of your border. If you scatter one here and there the effect is not so good. Peonies and Iris develop into large plants and should be planted singly except in large borders. The size of growth is given and with the taller ones in the back ground the planning is easy.

After Care—For the sake of neatness and to conserve the vitality of the plants the blossom or seed spikes should be removed immediately after blooming, leaving, of course, foliage sufficient to carry on the natural functions of the plant.

Mulching for winter protection is suggested. It should be applied late, that is, November and December. It should not be put on too heavy as it will smother the plants. Plants with green foliage and soft crowns should not be covered, but rather have the mulch pulled up about them.

Fertilizing is necessary and the application of well rotted manure is suggested as it not only stimulates growth but improves the physical condition of the soil. Bone meal is advised for Peonies and Delphinium, especially.

Replanting—You will find it advantageous to break up old plants periodically, as they seem to get sluggish if left too long. Young plants seem to have more vigor. When plants get to "slowing up", then divide them and they will do better.

ACHILLEA—The Pearl—Flowers large, very double, pure white. Continuous bloomer all summer. 25c each, 6 for \$1.35.

A. Millefolium—Rosy pink flowers, eighteen inches high; blooms July to October. 25c each, 6 for \$1.35.

ACONITUM—Fischeri—Deep Blue Flowers, very showy. Each 25c, 6 for \$1.35.

ALYSSUM (Rock Madwort)

Very popular early-flowered perennials of easiest culture and all very free-flowering. They all like a well drained soil and sunny position. Useful in the border as well as in the dry soil or rock garden.

	Each	Doz.	100
Argenteum —Dense growth. Leaves silvery beneath, flowers yellow in clustered heads, all Summer, about 15 inches	\$0.15	\$1.75	\$12.00
Saxatile Compactum —Broad masses of bright yellow flowers in early Spring. An excellent plant for the rockery or front of borders. 1 foot .....	.15	1.35	9.00

ANCHUSA (Alkanet)

For producing a mass effect of brilliant blue, the Anchusas cannot be surpassed. They should be treated as biennials, as the old plants exhaust themselves at the end of two or three years. They reproduce themselves, however, from self-sown seed. The blooming season can be extended for several weeks by cutting the spikes as soon as the flowers fade, thus preventing seeding.

	Each	Doz.	100
Dropmore —Tall spikes of beautiful blue flowers, flowering all summer. Rough, broad foliage. 4 to 5 feet	\$0.15	\$1.75	\$12.00
Myosotidiflora —A distinct, dwarf perennial variety from Russia, with clusters of charming blue flowers resembling forget-me-nots. An effective rock plant for shady places. 1 foot. May-flowering .....	.20	2.25	17.00

ANEMONE—Japonica Alba. Pure white with yellow anthers. Mont Rose Double Pink. Prince Henry Dark Red. Pulsatilla-Dwarf Lilac to Purple. Each 25c, 6 for \$1.35.

ANTHEMIS—Tinctoria. (Marguerite) — Finely cut foliage, producing large golden yellow flowers. Blooms all summer. 25c each, 6 for \$1.35.

AQUILEGIA or COLUMBINE—One of the finest perennials grown; blooming in the early spring with a riot of color and dainty combinations that cannot be excelled. Also good for rockeries.

A. Canadensis—Native, bright red and yellow. 25c each, 6 for \$1.35.

A. Chrysantha—Bright yellow, long spurred flowers. 25c each, 6 for \$1.35.

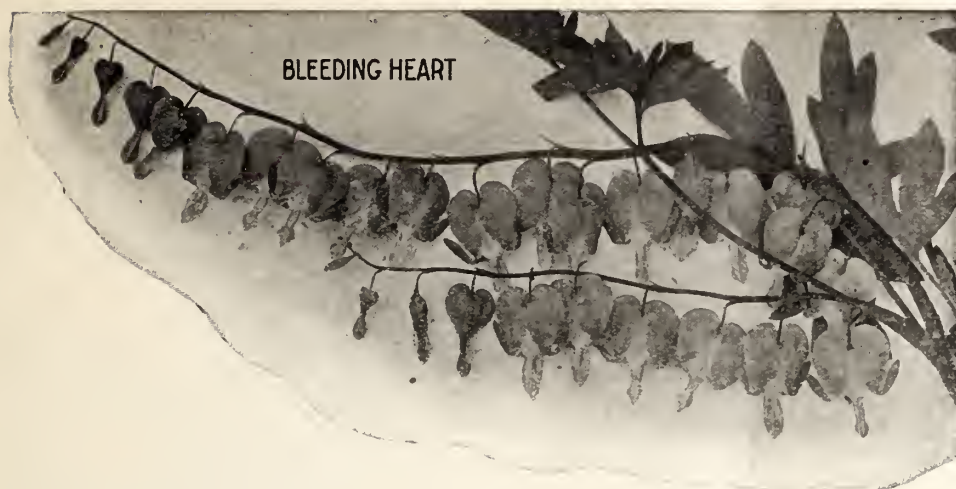
A. Grandiflora Nivea—Double white, very distinctive. 30c each, 6 for \$1.50.

A. Long Spurred Hybrids—Scott Elliott, having very long spurs on the large handsome flowers. Very profuse bloomer. Assorted light colors. 30c each, 6 for \$1.50.

A. Skinneri—Flowers bright yellow with long red spurs. A real Aquilegia. 25c each, 6 for \$1.35.



Aquilegia Canadensis

**ARMERIA (Sea Pink or Thrift)**

Attractive dwarf plants that will succeed in any soil, forming evergreen tufts of bright green foliage from which innumerable flowers appear, in dense heads, on stiff, wiry stems, from 9 to 12 inches high. They flower more or less continuously from early Spring until late in the Fall. Very useful in the rockery and border edgings.

	Each	Doz.	100
<i>Dianthoides</i> —A dwarf plant with evergreen leaves and heads of light pink flowers. 10 inches. May-June	\$0.15	\$1.75	\$12.00

HARDY ASTERS (Michaelmas Daisies)

The many species, widely distinct from each other in habit and form, are, with a few exceptions, all native of North America. It is in Europe, however, that our Asters have been made by European growers, and many hybrid forms have been produced by cross-division and replanting every third year. All are about 3 to 4 feet high.

	Each	Doz.	100
<i>Blue Gem</i> —Double flowers of rich blue; the best blue in cultivation	\$0.20	\$2.50	\$18.00
<i>Novae-angliae roseum superbum</i> —Almost red and a profuse bloomer .....	.20	2.50	18.00
<i>Sam Benham</i> —Early flowering, semi-double flowers of white. The best of all white Michaelmas Daisies; produces large flowers; fine for cutting .....	.20	2.50	18.00

BELLIS (Double English Daisy)

Perenne, Snowball. Mammoth White	\$0.15	\$1.25	\$8.00
Perenne, Longfellow. Mammoth Pink .....	.15	1.25	8.00

CARNATIONS (Hardy Border)

Choice Mixed. From seed supplied by a specialist. Strong plants that will furnish an abundance of flowers. We strongly recommend this grand strain for cut flowers. They keep up a most wonderful supply during June and July

\$0.20	\$1.75	\$12.00
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CENTAUREA (Hardheads of Knapweed)

Makes a fine display in the border; also excellent for cutting.

<i>Dealbata</i> . Large and striking rose-pink flowers. June-July 2 feet	\$0.15	\$1.35	\$9.00
<i>Montana</i> . (Perennial Cornflower) Grows 2 feet high, bearing large, violet-blue flowers from July to September .....	.15	1.35	9.00

CIMIFUGA (Snakeroot)

Racemosa. Handsome shade-loving plant, bearing in July and August spikes of pure white flowers, well suited for planting at the back of border or for naturalizing at the edge of the woods. 4 to 6 feet

\$0.15	\$1.75	\$12.00
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ARTEMESIA—*Lactifolia* — Sweet scented flowers, creamy white border plant. 15c each, 6 for 75c.

ASCLEPIAS—(Butterfly Weed)—A very showy perennial, producing dazzling orange blooms in July and August. 25c each, 6 for \$1.35.

ASTILBE—*Arendsii Hybrid* (Spirae)—Assorted colors, lilac, purple, white, crimson, pink, etc. 50c each; \$4.50 for 10.

BAPTISIA—False Indigo—Produces violet blue pea shaped flowers in June. A very suitable border plant. 30c each, 6 for \$1.50.

BLEEDING HEART—Fern Leaved Ever-blooming—Flowers heart shaped deep rose color. Foliage fern like, grows 12 to 15 inches tall. 50c each, 6 for \$2.50.

BOLTONIA—*Asteroides*—A perfect blanket of white flowers in late fall on plant four feet high. 20c each, 6 for 90c.

BUTTERFLY BUSH—Vigorous spreading bush, dense large clusters of bright mauve colored flowers, with bright orange eye. Attract great quantities of butterflies in blooming season, which is in late in summer. 35c each, 6 for \$1.75.

CAMPANULA CANTERBURY BELLS MEDIUM—A good garden flower producing a great profusion of gaily colored blooms. Assorted colors. 20c each; 6 for \$1.00. Separate colors, White, Blue and Rose, 25c each, 6 for \$1.35.

HARDY CHRYSANTHEMUMS—Large flowering varieties. Pink, red, bronze, yellow and white.

Pom Pom Varieties—Pink, red bronze, yellow and white.

Button Varieties—Pink, red, bronze, yellow and white. Strong Cumps, any variety. 25c each, 6 for \$1.35.

COREOPSIS—This is one of the beautiful yellow Daisies. Excellent for cut flowers. Very free bloomer all summer. 20c each; 6 for 90c.



Coreopsis



Delphinium Hybrids

DIGITALIS—(Foxglove)—An old-fashioned favorite bearing tall spikes of tubular flowers about 3 to 5 feet in height. Various shades from white to purple. Separate colors. 30c each, 6 for \$1.65. Mixed Hybrids, 25c each; 6 for \$1.35.

ERIGERON—Elatior Antwerpa—Very large flowers of pale lilac, excellent for cutting 3 ft., June, July. 35c each, 6 for \$1.50.

EUPATORIUM (Hardy Ageratum)

Ageratoides (Thoroughwort). A useful border plant of strong, free growth, 3 to 3½ feet high, with minute white flowers in dense heads; splendid for cutting. August and September. 20c each; \$1.75 dozen; \$12.00 per 100.

Coelestinum. A pretty, hardy plant, with light purple flowers similar to the ageratum; in flower from August until frost. 12 to 24 inches. Good cut flower. 20c each; \$1.75 dozen; \$12.00 per 100.

EUPHORBIA (Milkwort)

Corollata (Flowering Spurge). Showy and useful native plant growing about 18 inches high, and bearing from June till August, umbels of pure white flowers with a small green eye. 20c each; \$1.75 dozen; \$12.00 per 100.

FEVERFEW (Matricaria)

Little Gem. A most useful border plant and valuable Summer cut flower, with large double, white flowers. June until October. 18 to 24 inches. 15c each; \$1.50 dozen; \$10.00 per 100.

FUNKIA—Coerulea, (Plantain Lily)—Dense clumps of foliage of this plant make it appreciated for edging. Flowers bright blue, borne in profusion in July. 20c each, 6 for \$1.00.

GAILLARDIA—Blanket Flower — Among the showiest and most profuse bloomers. The plants are compact, growing from 12 to 18 inches tall; begin blooming in June. 15c each, 6 for 75c.

GENTIANA (Blue Gentian)

Andrewsii. One of the most fascinating native plants. The flowers, which are tightly closed, are borne at the top of a stem from 6 to 8 inches long, and are an intense deep blue. Blooms best in moist places. July and October. 20c each; \$1.75 dozen; \$12.00 per 100.

GEUM (Avens)

Coccineum Mrs. Bradshaw (Chiloense). A splendid new variety, with large, double, flowers of a fiery red, blooming nearly all Summer. Peculiarly attractive. 18 to 24 inches. 20c each; \$1.75 dozen; \$12.00 per 100.

GOLDEN GLOW—One of the most popular garden plants, producing double golden yellow flowers in August. 25c each, 6 for \$1.35.

GYPSOPHILA—(Baby's Breath)—Perennial valuable for mistlike effect and for trimming bouquets. Should be picked as soon as opened and dried for use in winter bouquets. 25c each, 6 for \$1.35.

HELENIUM (Sneezwort)

Tall-growing plants, closely allied to the Sunflower, bearing in late Summer and Fall great masses of large, daisy-like flowers in shades of yellow and orange.

Autumnae Superbum. Broad heads of deep golden yellow flowers in late Summer. Grows 5 to 6 feet. 20c each; \$1.75 doz.; \$12.00 per 100.

HELIANTHUS (Hardy Sunflower)

The perennial sunflower should always be planted in masses, where they may have plenty of room, against backgrounds of shrubbery, or naturalized in wild gardens or woodlands. They produce a grand effect impossible to describe. In combination with hardy Asters, where broad colors are wanted in late Summer, they have few equals. They are profuse bloomers, producing an unlimited supply of flowers for decoration.

Maximiliani. The latest of all. Golden yellow flowers in graceful sprays in October. Fine for cutting. 6 feet. 15c each; \$1.50 dozen; \$10.00 per 100.



Hardy Sunflower

DELPHINIUM—(Larkspur)—The finest of all perennials, with an all summer blooming season. They are fine for cut flowers, and equally as attractive when left standing in the garden.

D. Bellamosa, Dark Blue, 25c each, 6 for \$1.35.

D. Gold Medal Hybrids, some of the choicest colors are to be found among these Hybrid Larkspur. All shades of blue from the lightest to the darkest. 25c each, 6 for \$1.35.

Belladonna—Light blue. 25c each, 6 for \$1.35.

DIANTHUS—Hardy Pink, crimson, pink, scarlet and white. 15c each, 6 for 60c.

DIANTHUS BARBATUS—(Sweet William)—A popular garden flower, producing great clusters of showy blossoms in early spring. No garden can be complete without Sweet William.

Mixed—A general assortment of red, white, rose, any variety, 15c each, 6 for 75c.

Double Hollyhock—Wrexham strain. They are like Hollyhocks. Mixed colors, light blue to deep purple. \$1.00 each, 6 for \$5.00.



Hollyhock Plant

IBERIS (Hardy Candytuft)

Most desirable dwarf plants. 8 to 10 inches, with evergreen foliage, which is completely hidden with dense heads of flowers early in the Spring.

Little Gem. Dwarf, pure white flowers in June. Its uniform, neat habit makes it one of our best rock or edging plants; perfectly hardy	Each	Doz.	100
	\$0.30	\$3.25	\$22.50

LAVANDULA (Lavender).

Nana. Is a very fine new dwarf English introduction. Good for edging and planting between roses20	2.50	18.00
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LIATRIS (Blazing Star or Gay Feather).

Pycnostachya. The popular name of this plant is Kansas Gay Feather. Nothing can be planted that will attract more attention on account of its unusual appearance; but it is beautiful as well as odd. It blooms in midsummer and throws up long, narrow spikes of rich purple flowers, which last a long time. A peculiarity of this plant is its great attraction to butterflies20	1.75	12.00
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HIBISCUS—Mallow Marvels—The Mallow Marvels that we offer in this group produces sturdy plants, often 6 to 8 feet tall. Producing great single blooms 6 to 8 inches across, of striking colors, from deep red to white. Choice of separate colors, Pink, White or Red. 30c each, 6 for \$1.50. Mixed Colors, 20c each, 6 for 90c.

HOLLYHOCKS—There are no finer flowers than the stately and majestic Hollyhocks. Your choice of single or double, Red, Pink, White or Yellow. 25c each, 6 for \$1.35. Mixed, all colors—Single or double, 15c each, 6 for 60c.

LATHYRUS—Latifolius, (Perennial Sweet Pea)—Flowers resemble the Sweet Pea in size and shape; blooms over a long season. Perfectly hardy; Red, Pink and White. 20c each, 6 for 90c.

LILIES HARDY—Ageratum—Gold Banded Lily of Japan. Large delicately fragrant white flowers spotted crimson and yellow, band on midrib extending the entire length of each segment, red anthers, height 3 ft. in July and August. 50c each, \$4.50 for 10.

HEMEROCALLIS (Yellow Day Lily)

Hemerocallis have long been favorites in our gardens, and are always included in any list of the most popular hardy plants. All of the varieties of Hemerocallis are desirable and beautiful. The tall, graceful, grass-like foliage is very handsome and sets off the charming lily-like flowers very effectively. They look particularly well naturalized along streams or on moist banks, and will thrive most luxuriantly in shade.

	Each	Doz.	100
Thunbergi. Much like Flava, but flowers in July, a month later, and 6 to 10 inches of the upper portion of the flower scapes are thickened and flattened	\$0.15	\$1.50	\$10.00

HELICHRYSUM (Strawflower)

Bracteatum (Everlasting Strawflower). While this is commonly understood to be an annual, the perennial form can be supplied. Is profuse in flowering and a fine border plant.....	.50	3.50	25.00
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HEPATICA (Wood Anemone)

Coerulea. A pretty native, spring-flowering plant, with blue flowers; prefers shade, but will do fairly well in any open situation in moist, rich loam. We offer large established clumps, each consisting of 6 to 12 large crowns15	1.50	10.00
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HEUCHERA (Coralbells)

Beautiful plants for front row of borders, with slender, fairy-like spikes of richly colored flowers; most striking in the garden, light and graceful for cutting. Excellent in wall or rock garden.

	Each	Doz.	100
Rosamundi. We have carefully tested several varieties of Heuchera in all the pink shades during the past few years, and we find that this is the most desirable of the coral-pink sorts. It is a strong grower, not subject to any blight, and produces an abundance of fine coral-pink blossoms on tall, strong stems, which last over two months	\$0.50	\$4.00	\$30.00



Madonna Lily

Batemanai—Pale orange flowers sometime tinged pink but unspotted. Anthers red, height 12 ft., July or August. 40c each, \$3.50 per 10.

Candidum—Madonna Lily—Pure white glistening flowers, three to five on long stem. 50c each, \$4.50 for 10.

Henryii—Rich golden yellow spotted brown, height 6 ft. 75c each, \$7.00 per 10.

Regal—Deliciously fragrant flowers with pure white petals passing to a bright canary yellow at the center. 50c each, \$4.50 for 10.

Trigium—The Tiger Lily —Brilliant orange colored flowers spotted with black. 3 to 5 ft. tall July and August. 30c each, \$2.50 for 10.

Trigium—Fl. Pl. Double Tiger Lily—Same as above except double. 30c each, \$2.50 for 10.

Lilies of Valley—Clump, 35c each; \$3.50 per Doz. Clump.

Every home, no matter how small, can and should have a border or bed of Hardy Perennials. They are so varied in their nature that one can select color, size, and production to suit any taste. Little or no care is required and nothing in the garden will render a greater service than Perennial Plants.



LUPINES—Beautiful long spikes of pea shaped flowers. Stems 6 ft. tall.

Sweet Scented Hybrids—35c each, 6 for \$1.70.

Mixed Colors—White, blue and rose, 25c each, 6 for \$1.35.

PENTSTEMON (Beard Tongue)

They are very showy, growing from 2 feet to 4 feet high, are rather bushy and have very long, slender spikes which bear many trumpet-shaped flowers with hairy throats from whence the name "Beard Tongue" comes.

8316 Barbatus Torreyi (Chelone Barbata). July-August. Coral red. Plants, 3 for 85c; doz., \$2.50; 100, \$15.00.

8317 Coccineus. Scarlet. Plants, 3 for 85c; doz., \$2.50; 100, \$15.00.

8325 Pubescens. Rosy purple. 2 ft. Plants, 3 for 85c; doz., \$2.50; 100, \$15.00.

PHLOX—One of the finest long season blooming perennials. They are in bloom practically all summer. Be sure to include some of our improved varieties in your garden list. They will please you.

LOBELIA (Indian Paintbrush).

Handsome border plants thriving in any ordinary garden soil, but preferring a moist, deep loam. Season August till late September.

	Each	Doz.	100
Cardinalis (Cardinal Flower). Rich, fiery cardinal flowers. Strong plants, often producing 10 to 18 spikes. 24 to 30 inches long..	\$0.15	\$1.75	\$12.00
Syphilitica (Great Blue Lobelia). Similar in growth to the last, but the flowers are blue, streaked with white. Plant in a moist place. Desirable for border of brook or lake .....	.15	1.50	10.00

MERTENSIA (Blue Bells)

Virginica. An early Spring-flowering plant, growing about 1 to 1½ feet high with flowers fading to clear pink; one of the most interesting of our native Spring flowers

	.15	1.50	10.00
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MYOSOTIS (Forget-me-not).

Nearly everyone is familiar with the Forget-me-not which makes such beautiful pictures in the garden in early Spring. They are alike charming in the border, rock garden, or by the waterside. They all like shade and a fair amount of moisture; use them freely as a ground cover for your Tulip or other bulb beds.

	Each	Doz.	100
Palustris semperflorens. Large, rich blue flowers with yellow eye; a charming plant for damp places and a more profuse bloomer than the alpestris	\$0.15	\$1.25	\$ 8.00
Palustris, Pink Beauty. Pink-flowered form of above; very fine. Forget-me-not .....	.15	1.50	10.00

OENOTHERA (Evening Primrose).

Elegant for a sunny position in the border or on the rockery, blooming all Summer.

Fraseri. 1 foot. June to October. Flowers large, pale yellow..

	\$0.15	\$1.50	\$10.00
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A bed of Phlox planted 18 inches apart will give immediate effect. They do well in partial shade.

We will furnish 10 plants, one of a variety, your choice, for \$2.25.

Athis—Beautiful Salmon Pink. 25c each, 6 for \$1.35.

Bridesmaid—White with red eye. 25c each, 6 for \$1.35.

Champs Elysees—Dwarf growing, rich Magenta Crimson. 25c each, 6 for \$1.35.

Eclairleur—Magenta with white eye. 25c each, 6 for \$1.35.

Fire Glow—Orange, scarlet. 30c each, 6 for \$1.70.

F. G. Von Lassburg—Pure white. 25c each, 6 for \$1.35.

Iris—Lavender pink: 25c each, 6 for \$1.35.

La Vague—Mauve with carmine eye. 25c each, 6 for \$1.35.

Miss Lingard, (Soffruticosa)—Earliest white. 25c each, 6 for \$1.35.

Mrs. Chas. Dorr—Beautiful shade of lavender. 25c each, 6 for \$1.35.

Mrs. Jenkins—Very beautiful, pure white. 25c each, 6 for \$1.35.

Richard Wallace—White with crimson eye. 30c each, 6 for \$1.55.

Rijnstroom—Bright crimson pink, immense trusses. 30c each, 6 for \$1.55.

R. P. Struthers—Salmon red. 30c each, 6 for \$1.55.

PHLOX—Subuata, (Trailing Phlox)—Valuable for rockeries and borders, giving a mass of bloom in April and May.

Varieties—

Alba—White. 25c each, 6 for \$1.35.

Lavender—35c each, 6 for \$1.90.

Rosea—Rose pink. 25c each, 6 for \$1.35.

Perennials and rock garden plants in many instances are the same. Most rock plants are perennial in their nature, but are suited to the rock garden through their trailing habits. If this list does not include the Hardy Perennials that you are looking for, give us a chance to supply them, also see our separate list of Perennial rock plants for the shaded or sunny locations. Pages 42-43.





Oriental Poppy

PHYSOSTEGIA (False Dragonhead)	Each	Doz.	100
Virginia. Forms large clumps 3 to 4 feet high, bearing long spikes of delicate pink flowers, tubular in form. July and August	\$0.20	\$1.50	\$10.00
PLATYCODON (Balloon Flower).			
Grandiflora. Blue. 18 inches. June to October. Large, showy, deep blue flowers. Good for rock garden and border .....	.20	1.50	10.00
POLYANTHUS (Bunch Primrose).			
The Polyanthus is an indispensable Spring flower and should be used largely in flower beds and borders, also wild gardens and rockeries. It likes an open, half-shady position in rich soil and under such conditions will bear flower stems a foot high.			
	Each	Doz.	100
Veris Hybrids. This strain includes various shades of lilac, purple and violet, as well as a wide range of buff, orange, salmon and rich reds approaching scarlet in intensity. Quite hardy and of vigorous growth	\$0.25	\$2.50	\$18.00
RANUNCULUS (Buttercups).			
Acris flore pleno. A double yellow, upright growing Buttercup-like plant. Good for border in wet places; good cut flower ....	.15	1.50	10.00
Newmanni. The perennial form of the "Black-Eyed Susan." Deep orange-yellow flowers, with a dark purple cone; long, wiry stems 3 feet high; blooms all Summer .....	.15	1.50	10.00
Purpurea (Giant Purple Coneflower). Peculiar reddish purple flowers, with a very large, brown, cone-shaped center. Blooms from July to October. 3 feet .....	.20	1.50	10.00
SALVIA (Meadow Sage).			
Azurea. A Rocky Mountain species. Grows 3 to 4 feet high, producing August and September, pretty sky-blue flowers in the greatest profusion .....	.40	3.50	25.00
SAXIFRAGA (Megasea).			
Cordifolia. These will thrive in any kind of soil and in any position. Grow about 1 foot high, and are admirable for the front of the border or shrubbery, forming masses of handsome, broad deep green foliage, which alone renders them useful; flowers appear very early in the Spring. Fine among rocks or ledges..	.35	3.00	20.00
Crassifolia. 12 to 15 inches. April to June. Showy and spreading. Drooping masses of pink flowers high above the large, clustered leaves. A fine rock plant .....	.35	3.00	20.00
SPIREA (Goat's Beard; Meadow Sweet)	Each	Doz.	100
Elegant border plants with feathery plumes of flowers and neat, attractive foliage; succeeds in all locations.			
Palmata Elegans. 3 feet. June to August. Graceful plumes of lovely light, pink flowers. Fine for waterside planting	\$0.35	\$3.00	\$20.00
Ulmaria Fl. pl. The well known double "Meadow Sweet." Creamy white flowers .....	.30	2.00	15.00
STATICE (Great Sea Lavender)			
Latifolia. A valuable plant either for the border or rockery, with tufts of leathery leaves and immense candelabra-like heads, frequently 1½ feet high and 2 feet across, of purplish blue, minute flowers during July and August. These if cut and dried, last in perfect condition for months .....	.15	1.50	10.00

PHYSALIS FRANCHETS—Chinese Lantern plant, blooming in early summer. The fruit assuming an orange color in autumn. 2 ft. April and May. 30c each, 6 for \$1.70.

POPPY—Oriental—We recommend August planting for Poppies. They are dormant at this time, and are hard to transplant at any other time.

APRICOT QUEEN—Red dish apricot. 35c each, 6 for \$1.70.

Grossfurst—Very dark red with black blotches. 35c each, 6 for \$1.70.

Brightness—Bright orange scarlet. 50c each, 6 for \$2.80.

King George. Splendid bright scarlet, petals deeply fringed. Plants, 3 for \$1.50; doz., \$5.00; 100, \$35.00.

Olympia. 2½ ft. A new double flowered introduction. Brilliant rich flame overlaid golden salmon. Vigorous grower and free flowering. Plants, 3 for \$1.50; doz., \$5.00; 100, \$35.00.

Mrs. Perry. Delicate salmon-rose, with black blotches. Plants, 3 for \$1.00; doz., \$3.50; 100, \$25.00.

Royal Scarlet. Plants, 3 for 85c; doz., \$2.50; 100, \$15.00.

Princess Victoria Louise. Large flower, soft lilac-rose color. Same price.

PYRETHRUM—Painted Daisy—A good plant for summer cut flowers, blooming at intervals throughout the summer. Very hardy.

Mixed Varieties. 30c each, 6 for \$1.25.

SHASTA DAISY—One of the most popular white daisy-like flowers. Blooms all summer. Extra good as a cut flower.

Variety—

Alaska—White with golden yellow center. 25c each, 6 for \$1.35.

Mrs. C. Lowthian Bell, a very large bloomer, and improved type of the Alaska. 25c each, 6 for \$1.35.



Shasta Daisy

SCABIOSA (Pincushion Flower)

Handsome border plants, succeeding in any ordinary soil if well drained and in a sunny location, and should be grown in every garden, where cut flowers are wanted; they last a long time when picked and placed in water.

Caucasica (Blue Bonnet). A soft and charming shade of lavender; commences to bloom in June, throwing stems 18 to 24 inches high until September \$0.20 Doz. 100 \$1.75 \$12.00

SEMPERVIVUM OR HOUSE LEEK

Atrovioleaceum. The largest of the entire collection. Forms a beautiful rosette, almost four inches in diameter when fully grown, of deep reddish purple leaves. Should be in every rockery50 5.00 40.00

Globiferum. Flattened rosettes, 2 to 3 inches in diameter, of grey-green leaves, lightly tipped brown. Pale yellow flowers, $\frac{3}{4}$ to 1 inch in diameter, in densely hairy panicles 1 foot high in June20 1.75 12.00

SEDUM—Stonecrop.

The dwarf varieties are charming plants for sunny position in the rockery, etc., and the taller kinds make effective color groups in the border. They thrive in almost any soil. They are especially fond of sand and full sun, and may be considered the backbone of the American rock garden.

DWARF VARIETIES

	Each	Doz.	100
Glaucum. Excellent dwarf variety for rockeries or border edgings.	\$0.20	\$1.75	\$12.00
Sarmentosum. Excellent dwarf variety for rockeries or border edgings. The best Sedum for filling seams between rocks in wall gardens; rapid grower .....	.15	1.50	10.00
Ternatum. This is the most satisfactory variety for planting in the shade; for ground carpeting under trees or anywhere it is difficult to make plants grow. Spreads rapidly and does well on all sorts of soil .....	.15	1.50	10.00

SPIREA—Astilbe

Hybrid varieties of very vigorous growth, producing many branched, feathered heads of flowers in June and July. They prefer a half-shady, moist position in any ordinary garden soil. We offer 3-year-old, large, field-grown clumps only, for immediate effect.

VARIETIES FOR GARDEN AND OUT-DOOR WORK ONLY

	Each	Doz.	100
Betsy Cuperus. Splendid new variety, growing 5 feet high. The fine drooping flower spikes, 2 feet long, show in Summer during some weeks a great number of white flowers with pink centers	\$0.20	\$1.75	\$12.00
Marguerite Van Rechteren. This plant grows about 5 feet high. The flower stem itself has a length of over 3 feet. The very fine fringed flowers are bright red tinged with dark lilac ....	.20	1.75	12.00
Meta Immink. Splendid new cross having dense flower spikes of a delightful pink color. Very recommendable. Award of Merit R. H. S. of Holland .....	.20	1.75	12.00

THYMUS (Thyme)

The charming Mountain Thymes make a perfect, close, fragrant carpet on hot, dry, sunny banks where grass is difficult to establish; they are a sheet of blossom in June and July. Excellent for carpeting patches of Spring-flowering bulbs.

	Each	Doz.	100
Citriodorus. The golden yellow form of the well known "Lemon Thyme"	\$0.25	\$2.00	\$15.00
Lanuginosus (Wooly-Leaved). Woolly foliage with bright pink flowers .....	.25	2.50	18.00
Serpyllum album (White Mountain Thyme). Forms dense mats of dark green foliage and clouds of white flowers. 3 to 4 inches. June-July .....	.25	2.50	18.00

TRILLIUM (Wood Lily of Wake Robin)

Grandiflorum. Excellent plants for shady positions in the hardy border, or in a sub-aquatic position. Large, pure white flowers Doz. 100 1,000 in early Spring. 12 to 18 inches \$1.25 \$8.00 \$70.00

TROLLIUS (Globe Flower)

Europaeus, Orange Globe. Desirable free-flowering plants, producing their giant orange-yellow, buttercup-like blossoms on stems 1 to 2 feet high from May until August; succeeds admirably in the border in a half-shady protection Each Doz. 100 \$4.75 \$35.00

VERONICA—Speedwell

A family containing some of the most beautiful subjects for the hardy garden and rockery. Given a rich, well drained soil in an open situation in full sun, they will all thrive in an amazing manner. All the varieties listed are A-1 and splendid for the border on rock garden.

	Each	Doz.	100
Amethystina "Royal Blue". Beautiful spikes of rich gentian blue flowers. 10 to 15 inches. June and July flowering	\$0.35	\$2.50	\$18.00
Repens. 1 to 2 inches. May and June. A useful rock or carpeting plant with light blue flowers. Not very hardy, we recommend <i>Rupestris</i> in its place .....	.25	1.75	12.00
Rupestris. A fine rock plant growing 3 to 4 inches high; thickly matted, deep green foliage, hidden in early June under a cloud of bright blue flowers .....	.25	2.00	15.00



Scabiosa

STOKESIA—(Cornflower Aster)— Plant grows from 18 to 24 inches high. Flowering early July until late October.

Alba—Pure white. 30c each, 6 for \$1.55.
Coerulea—Light blue. 25c each, 6 for \$1.35.

TRITOMA—(Red-hot Poker)—The continuous blooming of this variety has given it a prominent place among hardy garden flowers. Flowers in tall, dense spikes of bright red with yellow interlining of the trumpet-like flower. Very attractive. 40c each, 6 for \$1.80.

VINCA—Periwinkle Evergreen Trailer— Small blue flowers. 20c each, 10 for \$1.50.

VIOLA CORNUTA—Tufted Pansy—This charming little Pansy is very effective for edging and for use in rockeries.

Mixed colors—A good assortment of all colors. 15c each, 6 for 60c.



Red Hot Poker

Climbers

(All prices F. O. B. Louisville. No orders sent C. O. D.)



BITTERSWEET. *Celastrus scandens*. This is our native variety that is so unusually attractive, because of berries in the fall and early winter. Vigorous. Price—60c each; 5 for \$2.75.

BOSTON IVY. *Ampelopsis veitchi*. The best of the self clinging vines. Leaves are

deep and very dense, covering any object completely. Foliage small. Colors in the fall. Slow to start, but vigorous when established. Price—50c each; 5 for \$2.00.

CLEMATIS, Madame Andre. Large red Chinese variety bearing large flowers. Not easy to establish, but worth the extra care necessary. Price—75c each; 6 for \$3.90.

Clematis Jackmani. This is the most popular Chinese clematis. Has large purple flowers. Exquisite when it can be grown. 75c each; 6 for \$3.90.

Clematis Henry. Same as the preceding two, except it is white. Price—75c each; 6 for \$3.90.

Clematis paniculata. The small white, "star" variety that blooms profusely, easy to establish and is attractive in foliage as well as blossoms. Fragrant. Prices—50c each; 5 for \$2.00.

ENGLISH IVY. *Hedera helix*. The most popular evergreen vine having large deep green and glossy foliage and unexcelled for covering walls in shady and cool place. Can be sheared into edging for walks or covering for graves. Price—50c each; 5 for \$2.00.

EUONYMOUS radicans. A slow growing vine with small, deep and glossy green foliage. Very attractive. Price—50c each; 5 for \$2.00.

Euonymus radicans vegetus. Sometimes

called Evergreen Bittersweet. Quicker growing than preceding and produces a quantity of red berries. Price—50c each; 5 for \$2.00.

HONEYSUCKLE, (Lonicera jay. Halliana). An evergreen twining vine that is so much used for fences and trellis. Blooms continuously, is fragrant and very easy to establish. Price—50c each; 5 for \$2.00.

Honeysuckle, Scarlet. (*L. sempervirens*). Has attractive trumpet shaped flowers of bright scarlet. Price—50c each.

KUDZU. *Pueraria thubergiana*. The most rapid growing twining vine known today. It is marvelous how it will cover fences, pergolas or similar objects. Belongs to the pea family and the foliage is dark green, large and flowers are very sweet scented and purple in color. Price—50c each; 5 for \$2.00.

TRUMPET VINE, Bignonia Radicans. A vigorous woody vine; native of the section, bearing scarlet flowers, followed by long pods. It is easy to establish and grows luxuriantly. Valuable for covering any kind of shelter or rustic work. Price—50c each; 5 for \$2.00.

WISTERIA. A rampant clinging vine that has the robust vigor of a wild grape and the matchless beauty of a rare exotic. Flowers in large drooping clusters in both white and purple. Price—50c each; 5 for \$2.00.

Dahlias

The King of Late Summer Flowers

COPPER KING. Decorative. (Marean). Copper, yellow and light red. One of the best. Very large, 75c.

ELINOR VANDERVEER. Decorative. (Seal). Satiny rose pink. Tall and stately, 75c.

GLADYS BATES. Cactus. (Boston). Tan, reverse rose. One of the best, 25c.

GLORY OF MONMOUTH. Decorative. (Kemp). Eosine pink, shading to strawberry pink at center. One of the best dahlias in cultivation, \$1.00.

JERSEY'S BEAUTY. Decorative. (Waite). Eosine pink on long stiff stems, 50c.

JERSEY KING. Decorative. (Waite). Best of the reds, 50c.

J. S. MILLER. Decorative. (Wigginton). This new dahlia is an exact reproduction of its parent, Judge Marean, in shape, size, foliage and growth, but the color of the flower is a beautiful tyrian rose, \$1.50.

KENTUCKY COLONEL. Decorative. (Ditto-Wigginton). This wonderful new creation is a strong, healthy grower, producing large flowers on long cane-like stems. A beautiful creamy white base shading to light mallow purple at tips. Its lasting

qualities make it very desirable both as an exhibition and cutting variety, \$1.00.

KING MIDAS. Decorative. (Peacock). Golden yellow. Best yellow dahlia in cultivation, \$4.00.

MARGARET WOODROW WILSON. Decorative. (Fisher and Masson). Opalescent pink; reverse shell pink, \$1.00.

MRS. A. G. HULL. Decorative. (Seltsam). Very large deep lavender, 50c.

MRS. I. DEVER WARNER. Decorative. (Marean). Mauve pink. One of the best all-around dahlias in cultivation, 50c.

SAGAMORE. Decorative. (Kirby). Golden amber, shaded orange buff, fine for cutting, 75c.

SALBACH'S WHITE. Decorative. (Salbach). A beautiful large white decorative of perfect form and stem. Keeps well and does not burn. Stock limited, \$1.00.

SHANNON. Decorative. (Wigginton). Big bold golden orange. After growing this wonderful dahlia the past seven years we are convinced it is the best autumn colored variety in commerce. Will last a week when cut, 50c.



Decorative Dahlia

Roses—The Queen of all Flowers

Cultivation of Roses

Strong 2-Year Plants Only

If these cultural directions are faithfully followed, they will Insure Success.

The Soil—Any good garden soil is suitable for Roses, providing it is well drained and rich in fertilizing elements. Cut the plants back well when they are first planted, about 6 inches from the ground, and after the Roses are planted, they should be well firmed in the soil with the foot. This will prevent the roots working up to the top of the soil. Hybrid Tea Roses can be planted 18 inches apart; the Perpetuals 2 feet apart; Climbers, 4 to 6 feet apart, depending on the variety and the object desired. Be sure you do not permit any fresh manure to be used at the roots of the plants, as this will burn the roots.

Mildew and Black Spot—Derrisol or Black Leaf "40" applied every two weeks, from May to Fall, or Bordeaux mixture—5 ounces powder to 1 gallon of water.

For Sucking Insects; Aphis, etc.—That curl the leaves and spoil the buds, Blackleaf "40", Derrisol, Lemon Oil.

For Leaf-eating Insects, Worms and Beetles—Arsenate of lead, Derrisol.

Combination Fugicide and Insecticide—Pyrox, Bordeaux mixture and arsenate of lead.

Fertilizers—Fine and Coarse Bone Meal. During Summer and Fall apply liquid cow manure diluted until it is the color of strong tea, one small dipperfull to each bush twice a month until September 1st.

Watering—Soak the beds once every ten days and spray plants twice a week with as much force as possible with a nozzle on the hose. This helps control insects and keeps the wood soft enough to grow. This should be done early in the morning or sufficiently early in the afternoon so they will not be wet over night.

Cultivation—Stir the soil frequently, but do not cultivate deeper than 2 to 3 inches as the fine feeding roots must not be disturbed.

Pruning—The blooms must be cut off so as to induce new strong shoots. The best shoots that make long-stemmed Roses come from the lowest 6 inches of the bush, so prune severely if long stems are desired. Do not prune after September 1st, as the new growth thereafter will be too soft to live over the winter. All prices F. O. B. Louisville. No orders sent C. O. D.

We do not offer any special collection of roses at reduced prices. All of our dependable field grown Roses are priced at special rates in each instance. There can be no better roses furnished anywhere or from anybody. We have selected the varieties that have stood the test in this latitude. We do not hesitate to recommend them to you. We will replace any roses at half price that do not bloom the first season. If they turn out to be untrue to name through error on our part we will replace without charge. Our rose plants are large and vigorous field grown stock. Well rooted and branched.

Columbia. The flowers, of good size, are perfect in form, both in bud as well as when fully expanded. Color a most pleasing shade of rose-pink and delightfully fragrant. Each, 70c; per dozen, \$8.00.

Claudius Pernet. A most vigorous grower of erect branching habit, beautiful, brilliant green foliage. Long, pointed buds of exquisite shape, carried on long, stiff stems. Very large, full flowers with elongated deep petals; a beautifully formed bloom. Color most striking sunflower yellow, deeper in the center, without any color bleeding, and which is retained without fading even in the warmest weather. Each, 70c; per dozen, \$8.00.

Dutches of Wellington. The most popular yellow garden rose. Intense saffron-yellow, stained with deep crimson, changing to a deep coppery saffron-yellow. Each, 70c; per dozen, \$8.00.

Betty Uffrichard H. T. One of the finest new Roses, with copper red buds opening into semi-double salmon pink blooms. It is a good free bloomer. Each, 70c; per dozen, \$8.00.

Gruss an Teplitz. In color it is of the richest scarlet, shading to a velvety crimson. Each, 70c; per dozen, \$8.00.

Jonkheer J. L. Mock. A deep imperial pink, the outside of the petals silvery rose-white. Each, 70c; per dozen, \$8.00.

Kaiserin Augusta Victoria. In color it is a soft pearly white, tinted with just enough lemon in the center to relieve the white. Each, 70c; per dozen, \$8.00.

Killarney. In color it is a sparkling brilliant pink; the blooms are large, the buds long and pointed. Each, 70c; per dozen, \$8.00.

Premier—Long, stiff stems; rich dark pink color, pleasing fragrance; very full for cut flowers. Each, 70c; per dozen, \$8.00.

Elvil de Hollander. It is said that this is the best and most popular red hybrid tea in the world. Its gigantic flowers of velvety crimson color hold up remarkably well, getting lighter in shade instead of "bluing" with age. It thrives everywhere. Each, 70c; per dozen, \$8.00.

Margaret McGredy. A brilliant shade of Turkish or Oriental Red passing in the bloom age to a beautiful Carmine Rose. Stems long and stiff. This is one of the best of the newer roses. Each, \$1.00; per dozen, \$10.00.

Ophelia. A most pleasing, delicate tint of salmon flesh, shaded with rose. Each, 60c; per dozen, \$8.00.

Radiance. A beautiful deep scarlet, same salmon-pink and yellow shadings at the base of the petals. Each, 70c; per dozen, \$8.00.

Radiance—A beautiful deep scarlet, same in habit as Pink Radiance. Each, 70c per dozen, \$8.00.

Lady Ashtown. The flowers are large and of a delicate soft rose color, shading to yellow at the base. Each, 70c; per dozen, \$8.00.

Lady Hillingdon. A beautiful coppery shade of apricot yellow, beautiful in the bud. Each, 70c; per dozen, \$8.00.

Polyantha or Baby Rambler

Baby Rambler—Crimson. Each, 75c; per dozen, \$8.25.

Catherine Zelmet—Double pure white. Each, 75c; per dozen, \$8.25.

Orleans—Bright red. Each, 75c; per dozen, \$8.25.

Hugonis—Golden rose of China. Each, 75c; per dozen, \$8.25.

Climbing Roses

Prices as listed.

American Pillar—Single deep pink. 2-yr. plants, \$1.00.

Climbing American Beauty—Deep pink. 2-yr. plants, \$1.00.

Dr. Van Fleet—Semi-double, shell pink. 2-yr. plants, \$1.00.

Excelsa—Cluster Crimson; 2-yr. plants, \$1.00.

Pauls Scarlet—Deep scarlet. 2-yr. plants, \$1.00.

Silver Moon—Semi-double pure white. 2 yr. plants, \$1.00.

Mary Wallace, Pillar Rose—Flowers very large, exceeding 4 inches across, well formed semi-double, a bright clear rose pink with salmon base to petals. 2-yr. plants, \$1.25.

Gardenia—Small yellow buds, opening to a creamy white, 2-yr. plants, \$1.00.



Claudius Pernet Rose



Gladiolus

Caladium Esculentum

(Elephant's Ear)

	By Mail Postpaid.	Each	Doz.
Large Bulbs, 7 to 9 in. in circum.	\$0.10	\$1.00	
9 to 11 in. ....	.15	1.50	
11 to 12 in. ....	.20	2.00	
12 in. or more ....	.25	2.40	

Fancy-Leaved Caladiums

Beautiful variegated leaved plants adapted for pot culture or bedding if given sheltered positions.

Fancy-leaved Mixed Varieties..\$0.30 \$3.60

Cannas By Mail Postpaid

Eureka. A very free blooming creamy white with green foliage. Each, 10c; doz., 70c; per 100, \$5.00.	
King Humbert. Bronze foliage, with orange-scarlet flowers. 4 ft. Each, 10c; doz., 70c; per 100, \$5.00.	
Martha Washington. One of the most superb pink varieties. Each, 10c; per doz., 70c; per 100, \$5.00.	
Panama. An attractive rich orange-red with edge of golden yellow. 3 ft. Each, 10c; doz., 70c; per 100, \$5.00.	
Richard Wallace. Canary yellow, 4½ ft. Each, 10c; doz., 70c; per 100, \$5.00.	
Yellow King Humbert. A beautiful yellow, lightly spotted red, with green foliage. 5 ft. Each, 10c; doz., 70c; per 100, \$5.00.	
Mixed Varieties, Each, 05c; doz., 60c; per 100, \$4.00.	

Gladioli

All Postpaid

There are no other Summer flowering bulbs so satisfactory, needing so little attention and thriving so well in almost any ordinary soil as the Gladiolus. Set the bulbs from 3 to 6 inches apart in rows, or for massing 6 inches apart, and about 4 inches deep.

	Each	Doz.	100
Dr. Van Fleet—A beautiful shade of clear pink, large blooms. free flowering	\$0.05	\$0.40	\$3.00
Mona Lisa—Large flowers of a beautiful ruffled lavender pink, almost a pure shade .....	.05	.40	3.00

RED AND SCARLET SHADES

	Each	Doz.	100
Prince of Wales. Beautiful light salmon with orange shade, very early	\$0.05	\$0.40	\$3.00
Summer Beauty. Very choice deep salmon, distinct shape .....	.15	1.10	8.00
Alice Tiplady. (Prim.) Orange-saffron .....	.06	.60	4.00
Orange Queen. Apricot-orange. This quite new shade without any competition and the excellent substance of this variety bought every one who has seen it .....	.15	1.50	10.00
Ming Toy—Buff yellow, large persistent bloomer. Does not fade with age .....	.05	.40	3.50
Souvenir—Pure yellow, no markings .....	.05	.40	3.50

WHITE SHADES

	Each	Doz.	100
Elora. Creamy white overlaid with pink	\$0.15	\$1.10	\$8.00
Peach. The flowers are large, white with a pale lilac feathering on the interior petals .....	.05	.40	3.00
White City. Very large, almost pure white flowers, spikes 5 ft. tall. A grand variety .....	.05	.40	3.00
Lily White. A pure white .....	.05	.40	3.00

YELLOW AND ORANGE SHADES

	Each	Doz.	100
Challenger. Giant rich velvety red, solid color	\$0.10	\$0.70	\$5.00
Fire King. Long, graceful spikes of intense fire scarlet flowers ..	.05	.40	3.00
Mrs. Francis King. Light scarlet of pleasing shade; long spikes, one of the best .....	.05	.40	3.00
Scarlet Princeps. A very large spike of massive crimson-scarlet flowers. Five to six open at one time .....	.10	1.00	8.00
Crimson Glow. A perfect, very large deep scarlet-crimson; flowers on tall, strong spike .....	.10	1.00	7.00
Mrs. Geo. W. Moulton. A beautiful Tyrian red, large, free bloomer ..	\$0.05	\$0.40	\$3.50
Krelage Favorite—A brilliant red. Tall robust grower. Very popular for cut flowers .....	.05	.40	3.50

Blue Shades

	Each	Doz.	100
Baron Hulot. A fine violet-blue	\$0.10	\$0.70	\$5.00
Blue Orchid. Rich velvet blue .....	.10	.90	7.00
Herada. Pure mauve with deeper markings on throat .....	.05	.40	3.00
Rev. Ewbank. A fine porcelain blue .....	.10	.90	7.00
Paul Pfitzer. Very shining, iris-purple, with glowing velvety violet center. Very large, broad flowers of excellent shape .....	.35	3.50	25.00

PINK SHADES

	Each	Doz.	100
America. Large flower, beautiful flesh pink	\$0.05	\$0.40	\$3.00
Bobby—Beautiful deep rose .....	.20	1.60	12.00
Evelyn Kirtland. Rose-pink, darker at the edges and fading to shell-pink in center .....	.10	.50	3.50
Ida Van. A beautiful deep salmon-red or flaming orange pink ....	.05	.40	3.00
Mrs. Frank Pendleton. The flowers are very large of lovely flushed salmon-pink, with brilliant carmine blotches in the throat ....	.05	.40	3.00
Pink Perfection. Bright pink. Very large flower .....	.15	1.10	8.00
E. J. Shaylor. Large, ruffled rose-pink blooms .....	.06	.60	4.00

Primulinus Gladiolus

This race of Gladiolus has come to be extremely popular; they are easy to grow, beautiful for decorations; the colors are very artistic and embrace shades of yellow, pink and scarlet.

	Each	Doz.	100
Alice Tiplady. A grand, large, beautiful orange-saffron color.....	\$0.05	\$0.40	\$3.00
Jewell. A clear salmon-pink with golden throat. Tall, erect, early flowering .....	.05	.40	3.00
Maiden's Blush. Enchantress pink. Well-shaped flowers on long, strong stems .....	.05	.40	3.00
Orange Queen. Large flowers, orange yellow, tinted apricot. A grand variety .....	.20	1.75	16.00
Phantasy. A clear salmon-pink with coral margin, buds are brilliant orange-scarlet. Two lower petals are pale yellow, edged pink, with crimson veined throat. The upper petal folds back. Early flowering .....	.20	1.75	16.00
Salmon Beauty. Deep salmon with rich salmon-yellow throat ....	.10	.85	6.00

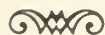
Matchless Mixed Glads

Our selection of varieties has been made from many and includes all those of exceptional merit and a wide range of colors.

Matchless Mixed Glads—Large Head05	.40	16.00
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Insecticide and Fumigicides

**POISONS
CANNOT BE
MAILED**



**EXPRESS
FREIGHT
ONLY**



Acme Garden Guard

A garden insecticide and fungicide for use as a dust. No water, no mixing, no muss.

For use on:

Cabbage, cauliflower, tomato plants, melon vines, currants and gooseberries and other vegetables, flowers and shrubs of many kinds.

Prices: 1 lb. sifter carton 25c; 5 lb., 85c; 100 lb., \$14.00.

Acme Paris Green

A rich, emerald color and of fine fluffy physical character. Containing 55 per cent arsenious oxide, it will give quickest control where extreme measures are necessary.

For use on:

Potatoes, cotton, tobacco, also to mix with arsenate of lead for fruit tree spraying where quick results are necessary.

Prices: ¼ lb., 15c; 1 lb., 35c; 5 lb., \$1.65; 14 lb., \$4.00; 100 lb., \$28.00.

Acme Two-Way Spray

A balanced insecticide and fungicide containing 14 per cent arsenate of lead and 83 per cent Bordeaux Mixture. Two results with one application.

Use wet or dry on:

Apple, sour cherry, currant and gooseberry, grape, pear, plum, strawberry, pecan, bean, beet, cucumber, pepper, potato, tomato and many other fruits and vegetables.

Prices: ½ lb., 25c; 1 lb., 45c; 4 lb., \$1.20; 100 lb., \$27.00.

Acme Bean Beetle Dust

A special beetle preparation most effectively used against Mexican bean beetle. Being both stomach and contact poison, it is sure to give quick results.

To be applied only as a dust. For use against:

Mexican bean beetle, potato bug, cucumber beetle and many other less common hard shelled beetles.

Prices: 1 lb., 30c; 4 lb., 65c; 100 lb., \$13.00.

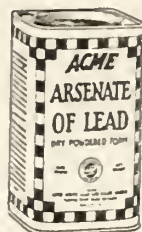
Acme Oil Spray

A dormant oil spray for control of scale insects, aphids and red mite on deciduous fruit trees and shrubs.

Prices: Qt., 50c; gal., \$1.75; 5 gal., \$8.50.

Acme Lime Sulphur

A standard 33 degree Baume lime and sulphur converted into a dry powder but having all the effectiveness



of the liquid product when dissolved in water.

For use on:

Dormant spraying against scale, peach blight, leaf curl and twig borer. Summer spraying against scab, soot, blotch, red spider and mite. Prices: 1 lb., 40c; 5 lb., \$1.40; 10 lb., \$2.50; 25 lb., \$4.50.

Acme Arsenate of Lead

The most favored arsenical insecticide found on the American market. It is safest to use on tender foliage and sticks well on the leaves. Recommended for fruit trees, vegetables, bushes and tobacco. Can be used as dust or spray.

Prices: ½ lb., 20c; 1 lb., 30c; 4 lb., \$1.00; 100 lb., \$19.00.



Acme Bordeaux Mixture

Prevents large losses caused by blight, rot, mildew, scab, anthracnose and certain other fungous diseases. It stimulates plant growth and greatly increases the harvests. Almost every kind of vegetable, fruit and shrub can be greatly improved by the early use of Bordeaux Mixture.

Prices: 1 lb., 35c; 4 lb., \$1.00; 100 lb., \$25.00.



Acme Calcium Arsenate

The cheapest arsenical insecticide on the market but of great economy and efficiency for certain purposes. The accepted dust for boll weevil poisoning on cotton; also recommended to combat chewing insects on potatoes, vegetables, cotton and certain fruit trees.

Prices: 1 lb., 20c; 4 lb., 60c; 100 lb., \$12.00.



Acme Spray Soap

A (fish oil) soap effective in destroying many sucking insects and lice on plants, trees, ferns, etc. Also used extensively with cylinder oils in making oil emulsions to reduce the surface tension.

Prices: 1 lb., 25c; 5 lbs., \$1.00.

Nicofume (Tobacco Paper). For fumigating greenhouses and for hot-bed uses, 24 sheets, 18x6, to a tin. Price, 24 sheets, \$1.40; 144 sheets, \$6.00; postpaid. Not postpaid, 24 sheets, \$1.25; 144 sheets, \$5.00; 228 sheets, \$8.75.

Nicofume Liquid. Liquid form of Nicotine, used for spraying or fumigating; ¼ lb., 75c; 1 lb., \$2.00; 4 lbs., \$6.25; 8 lbs., \$11.50.

Black Leaf 40 (Liquid). A concentrated solution of nicotine-sulphate. Highly recommended as a spray for aphids on tender plants. 1 oz., 35c; ½ lb., \$1.25; 2 lbs., \$3.25; 10 lbs., \$11.85, express or freight only.

Nicofume Dust (Black Leaf). Nicofume dust should be applied on warm days—above

75 degrees Fahr, if practicable; 95 to 100 degrees, in the sun, is still better.

Nicotine kills by direct contact.

Price, 5 lb. pkg., \$1.10; 25 lbs., \$3.75; 50 lbs., \$6.75; 100 lbs., \$12.75.

Tobacco Dust. One of the cheapest and most effective remedies for destroying lice and worms on cabbage, striped bugs on melons, cucumbers and squashes, and other insects. Price, 1 lb., 20c; 10 lbs., \$1.00; postpaid. Not postpaid, 1 lb., 10c; 10 lbs., 50c; 25 lbs., \$1.25; 50 lbs., \$2.25; 100 lbs., \$4.00.

Tree Tanglefoot. A perfect safeguard for trees against gypsy, brown-tail and tussock moth, caterpillars, canker worms, cut worms, ants, and other creeping insects. Apply during February. Will last about three months. 1 lb. for 6-foot band 4 inches wide, 1-16 in. thick. Full directions on each package. Price, 1 lb., 70c; 5 lbs., \$3.00; postpaid. Not postpaid, 1 lb. can, 50c; 5 lb. can, \$2.40; 10 lbs., \$4.50.

Scalecide. Best spray available for San Jose scale, non-poisonous. Mix 1 gallon to 15 gallons of water. If applied in the fall and winter or early spring when foliage is off, it will destroy successfully all scale. Price, 1 qt., 75c; 1 gal., \$2.25; postpaid. Not postpaid, 1 qt., 65c; 1 gal., \$1.60; 5 gals., \$5.50; 10 gals., \$9.75; 30 gal. barrel, \$23.50; barrel (50 gals.), \$33.00.

Derrisol. Fine for Rose Diseases, Red Spider or Evergreens, etc. 2 oz., bottles, 35c each; ½ lb., bottles, \$1.20 each; 1 lb. bottles, \$2.00.

Lemon Oil. The very best remedy for house plants, effectually destroying green fly, red spider, scale, mealy bug, mildew, etc. Will also destroy lice and insects by spraying in hen pens and poultry houses. Directions for use on each can. Price, ½ pt., 40c; pt., 70c; qt., \$1.25; postpaid. Not postpaid, ½ pt. tins, 35c; pt., 60c; qt., \$1.00; ½ gal., \$1.75; 1 gal., \$3.00.

Sulphate of Copper. (Blue Stone or Vitriol). Used in making Bordeaux mixture in combination with lime, the proportions being 4 lbs. blue stone, 4 lbs. lime, 50 gallons of water until it dissolves; dissolves the lime in water, strain and mix. Place the blue stone in a canvas sack, immerse in water. Price, 1 lb., 25c; 25 lbs., \$3.50; 100 lbs., \$12.00. Non-mailable.

Sulphur. For mildew on roses, lettuce and other plants. Also valuable for poultry, insects, etc. Price, 1 lb., 20c; 10 lbs., \$1.25; postpaid. Not postpaid, 1 lb., 10c; 10 lbs., 75c; 25 lbs., \$1.50; 100 lbs., \$5.00.

Evergreen Spray Material. We recommend for leaf tier, moth miller aphids, thrips, red spider, mealy bug and rose insects, aster beetle, chrysanthemum mite also all hot-house plant diseases. Directions on the package. 1 oz., 35c; 6 oz., \$1.00; 16 oz., \$2.00; 32 oz., \$3.50; gal., \$13.00.

FAIM'S Tree Dressing. For cuts or bruises. 1 qt., \$1.00; 1 gal., \$3.00.

Columbia Fly Killer. Qt., 60c; ½ gal., 90c; gal., \$1.50.

Antrol—This system has revolutionized methods for the control of ants. It stops the invasion of these unsightly and destructive pests—effectively, permanently and safely!

Price—Cottage sets, 6 jars and one bottle syrup \$1.75, extra bottles syrup, \$1.00 pint.

Small Cottage Sets containing 4 jars and ¼ oz. bottle syrup, \$1.00. 4-oz. bottle syrup extra, 50c.

Sprayers

AUTO-SPRAY No. 26 — CONTINUOUS ATOMIZER—The continuous feature of this pump is a decided advantage over ordinary atomizers which are intermittent, in that spraying can be done more rapidly with much less exertion.

Price, No. 26A—1 qt. all tin; post-paid\$1.00

Price, No. 26 C—1 qt. pump, tin; tank, brass; postpaid 1.50

DUST GUN—For Mexican bean beetle in small gardens. Duster Brown, No. 2C, quart size, each, \$1.75; 1 pint, post-paid\$1.25

SINGLE ACME BELLOWS—A simple and practical implement for applying all powdered insecticides. It will apply on top sides or underneath the leaves. It is easy to operate, light and serviceable. Price each, postpaid\$2.00

LEGGETT IMPROVED CHAMPION PARIS GREEN DUSTER—Superior to all dry powder guns for applying Paris Green to potatoes and tobacco. Price, for Louisville\$13.50

AUTO-SPRAY COMPRESSED AIR—It is the strongest and most simple in its working parts of any compressed air sprayer. Two pumpings of about 15 strokes on the plunger will discharge its contents under high and constant pressure. After pumping, the operator has nothing to do but direct the spray. Capacity, 4 gallons. Made with heavy galvanized steel and sheet brass tank.

Price, No. 9 B Brass Tank\$8.00

Price, No. 9 D Galvanized Tank 5.50

Price, 2 ft. Solid Brass Extension, each50

Price, Strainer, Solid Brass 1.30

Price, Two-Row Attachment, Brass .. 1.65

BROWN'S AUTO-SPRAY No. 3—The Auto-Spray No. 3 is the most powerful and durable wheelbarrow sprayer we manufacture. It is an excellent general purpose sprayer. On account of its adequate agitator it is especially well suited for handling whitewash and cold water paints. It can be easily moved about on the large single wheel truck. By virtue of its having only one wheel it can be handled as a wheelbarrow and will turn around in very small space. This pump is used extensively for spraying trees. It can also be used in the garden.

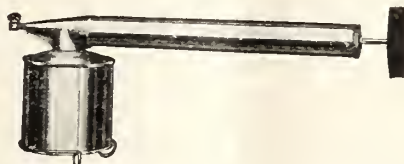
Specifications and Construction—Pump is 1½ inches in diameter. Pump cylinder solid brass tubing. Valves and bottom casting solid brass. Agitator connected direct to the handle. Air chamber is made of steel tubing. The truck is made of iron pipe. The wheel is 20 inches in diameter, and the tire is 2 inches wide. It is equipped with 8 feet of ¾-inch high pressure hose, stop cock shutoff and Non-Clog Junior Nozzle. A 2-foot 8-inch iron extension is furnished. Auto-Spray No. 3 is packed knocked down. Total shipping weight, 57 lbs.

Non-clog Nozzle — All brass shower. Each\$1.10.

Auto Pot Attachment. Each 1.50.

Spray Hose—¾-inches high pressure. Per ft.\$1.80

No. 22 AUTO-SPRAY ATOMIZER—Liquid for all kinds of small spraying and disinfecting. Very effective, as it throws a very fine mist-like spray. Made of heavy tin and holds one quart. Price, post-paid\$0.75



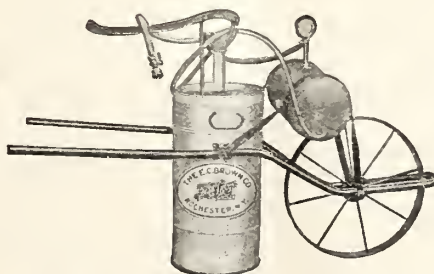
No. 26 Continuous Atomizer



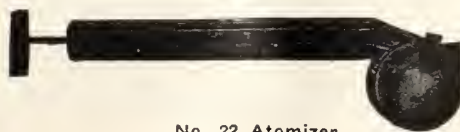
Mexican Bean Beetle Dust Gun



No. 9 Compressed Air Sprayer



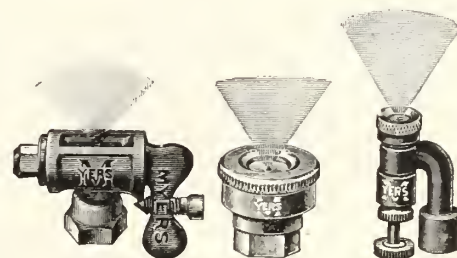
Wheelbarrow Compressed Air Sprayer



No. 22 Atomizer



Single Acme Bellows



HOSE NOZZLES FOR SPRAY PUMPS—

"Bordeaux," adjustable. Each \$1.25.

"Vermorel"—A fine spray. Each \$1.15.

"Shower"—Will not clog and does the work without waste of material and time. ¼ in. thread pipe. Each \$1.00.

Kant Clog Nozzle—Each \$1.10.

BROWN WHEELBARROW PORTABLE SPRAY—With Compressed air tank with 15 foot hose, 15 gal. tank, nozzle. Complete\$28.00

(See illustration below)

PLANT TUBS



Made from selected Virginia white cedar, bound with electric welded wire hoops (galvanized). Painted green, furnished without handles, or we can supply drop handles if wanted at 30c per pair. Inside measurements:

	Diameter	Height	Each
No. 3	8 in.	8 in.	\$0.70
No. 4	9 in.	9 in.	.75
No. 5	10 in.	9 in.	1.00
No. 7	12 in.	11 in.	1.35
No. 9	14 in.	13 in.	1.75
No. 11	16 in.	15 in.	2.00
No. 13	18 in.	17 in.	2.50
No. 14	19 in.	18 in.	3.65



All Plant Life Must Have Food

LIKE human beings plants require a balanced diet for normal, healthy growth.

Vigoro, the complete, scientifically prepared plant food, contains all the nourishment necessary to produce thick, velvety-green lawns; large, richly colored flowers; early, delicious vegetables; and healthy, full-foliaged trees.

Vigoro is clean, odorless, and easy to use. It's economical, too! Full directions in every bag.

Prices

100-lb. bag	\$ 5.00
50-lb. bag	3.00
25-lb. bag	1.75
5-lb. pkg.	.50
12-oz. pkg.	.15

VIGORO

Complete plant food

A product of
Swift & Company



For Lawns, Gardens, Flowers, Shrubbery, and Trees

Double Key Brand Granulated Peat Moss

A Short Outline of its Manifold Uses about the garden, Home, Nursery and Greenhouse.

Granulated "Double Key" Brand Peat is imported from the northern part of Germany, known as the Moorlands. Some peat moss also is imported to substitute domestic materials, mostly so-called Muck producers claim the same properties for their products, as for imported peat moss, which is an absolute erroneous supposition and a misstatement of facts.

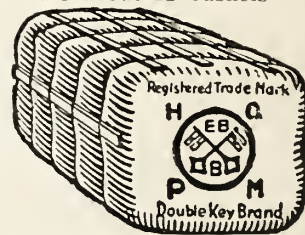
MULCHING (TOP DRESSING:)

Cover all perennial beds with 1 to 2 inches of "Double Key" brand granulated peat moss. Shrubs and evergreens mulch to a depth of 3 inches or more. Peat Moss mulch prevents the soil from cracking, prevents weed growth, and enhances the beauty of your flower beds, whether roses, shrubs, or evergreens, in a startling degree. The beneficial effects of peat moss upon plants when used as a mulch, should convince the most sceptical in a relatively short time.

Peat soil is required by all flowering or broad-leaved evergreens, such as, Rhododendrons, Laurels, Kalmias, Azaleas, etc., also Ferns and many Lilies and Irises. All evergreens or conifers do well by digging and filling in Peat Moss to a depth of 6 inches and from 2 to 3 feet from the stem. To hold it down, this should be covered with ordinary garden soil.

APPROXIMATE AREAS COVERED BY ONE STANDARD BALE OF GROUND PEAT MOSS

	2 Inch Deep
1 bale covers	125 sq. ft.
6 bales covers	150 sq. ft.
13 bales covers	1975 sq. ft.
51 bales covers	6375 sq. ft.
150 bales covers	18750 sq. ft.
Prices 1 bale about 22 bushels	\$4.50



Double
Key
Brand

Peat
Moss

BONE MEAL

Bone Meal comes in three grades, Coarse, Medium and Finely Ground—Finely ground or steam bone is quickly soluble. the Course is very slow to dissolve. Therefore if quick results are to be attained use that which is quickly soluble—For Fall use on lawns the use of Bone Meal is desirable. For Roses, Peonies and Perennial plants we recommend the coarsely ground. It will not burn the tenderest plants if applied reasonably. Prices 5 lbs., 40c; 25 lbs., \$1.25; 50 lbs. \$2.00; 100 lbs., \$3.50. This price applies to any grades.

Nitrate of Soda. As a top dressing use at the rate of 100 lbs. per acre. For the home garden apply a solution of 1 oz. to two gallons of water. 1 lb., 15c; 2 lbs., 25c; 10 lbs., \$1.00; 25 lbs., \$1.75; 50 lbs., \$2.90; 100 lbs., \$5.25.

STIM-PLANT

PLANT STIMULANT TABLET

Make your flowers and vegetables grow faster. Make their growth stronger and more luxuriant. Keep lawns fresh and green.

ODORLESS ECONOMICAL
CONCENTRATED EASY TO APPLY
THE MAGIC FERTILIZER IN TABLET FORM

STIM-U-PLANT is the most complete plant-food in tablet form. The three mineral nutrients most heavily drawn from the soil by growing plants (flower and vegetable) are nitrogen, phosphoric acid, and potash. Because of this fact, STIM-U-PLANT tablets are made up of these three in a balanced ration of 11 per cent Nitrogen, 12 per cent Phosphoric Acid, 15 per cent Potash—all of which elements are water-soluble and immediately available to the feeding root-hairs of the plant.

TABLET FORM FERTILIZER UNIQUE AND VALUABLE

1. Gives an EXACT FEEDING UNIT—no guess work.
2. Provides for ABSOLUTE CONTROL, of feeding, eliminating the danger of over-feeding.
3. No MESSY MIXING.
4. No unpleasant ODOR.
5. Is EASIEST to APPLY.
6. Insures MAXIMUM EFFICIENCY because the plant gets all the food-value—none being lost through scattering where not available to the plant, leaching, and run-off of surface soil-water.
7. Makes REPOTTING of house plants UNNECESSARY, as it replaces the food withdrawn by the growing plant.

Because of its ready solubility, STIM-U-PLANT can easily be used as a liquid manure, by dissolving the tablets in water at the rate of four to the gallon.

Medium size, 100 tablets	\$0.25
Small size, 30 tablets	.75
Large size (pail), 1,000 tablets (enough for season's supply for medium sized gardens	3.50



HOW TO USE WIZARD SHEEP MANURE

Wizard is the safest and most effective manure for all plants. Use it according to directions and you will marvel at the increased beauty and productiveness of your plants.

In making new lawns, pulverize the surface soil well and broadcast at the rate of 6 to 10 pounds per 100 square feet, raking well into the surface soil. Sow seed and roll.

For renovating old lawns, use 6 pounds per 100 square feet and rake into the surface soil previous to sowing seed.

For garden planting, mix a small handful with the soil when planting each bulb and plant—larger amounts for shrubs and trees.

For making potting soil, mix thoroughly one part of Sheep Manure with twelve parts of soil.

Liquid Manure—for house plants and window boxes—is made by mixing one pound of Sheep Manure in five gallons of water. Use twice weekly.

Wizard in 2, 5 and 10 pound sealed bags will be found very convenient for house plants and window boxes.

Prices 5 lbs., 30c; 10 lbs., 55c; 25 lbs., \$1.25; 50 lbs., \$1.75; 100 lbs., \$2.75; 5 bag lots, \$2.50.

SULPHATE OF AMMONIA—Lawn courses, large estates and expert grass growers in this section use Sulphate of Ammonia extensively and very successfully. It, like Nitrate of Soda, is a stimulant and should be used carefully for best results. Price, 1 lb., 15c; 5 lbs., 60c; 25 lbs., \$2.50; 100 lbs., \$6.00.

Blue Ribbon Clover Seeds *For Pasture, Meadow and Lawn*

Prices subject to market changes

Bushel and Hundred pound prices are f. o. b. Louisville.

GRASS SEED MIXTURES FOR HAY AND PERMANENT PASTURES

Mixture No. 1. For light, sandy or loamy soils. Perennial Rye Grass, Orchard Grass, Fancy Red Top, Alsike Clover, Tall Oat Grass, Kentucky Blue Grass, Sheep Fescue, Red Clover. Sow 20 lbs. per acre. Price per lb., 35c; 10 lbs., \$3.40 postpaid. Buyer's Expense—20 lbs., \$5.00; 100 lbs., \$19.00. Sacked.

Mixture No. 2. For limestone, stiff or loamy upland soils. Orchard Grass, Kentucky Blue Grass, Perennial Rye Grass, Tall Oats Grass, Fancy Red Top, Red Clover. Sow 25 lbs. per acre. Price, per lb., 45c; 10 lbs., \$3.75; postpaid. Buyer expense—25 lbs., \$8.00; 100 lbs., \$30.00. Sacked.

Mixture No. 3. For heavy loam or clay or bottom lands. Timothy, Fancy Red Top, Meadow Fescue, Alsike Clover, Mammoth Clover. Sow 18 lbs. per acre. Price, per lb., 35c; 10 lbs., \$3.40, postpaid. Buyer's Expense—18 lbs., \$5.00; 100 lbs., \$19.00. Sacked.

Canadian Blue Grass (*Poa compressa*). A more rapid grower than Kentucky Blue Grass and equally good for pasture, but not as suitable for lawns. This is an excellent pasture grass for poor, dry land (B. B.) Sow 14 lbs. per acre. Price, per lb., 30c; per bu., \$4.00; per 100 lbs., \$28.00.

Italian Rye Grass (*Lolium italicum*). It is a very rapid grower, forms a dense turf, and is regarded as an excellent hay grass (B. B.) Sow 22 lbs. per acre. Price, per lb., 25c; per bu., \$3.00; per 100 lbs., \$12.00.

Kentucky Blue Grass (*Poa pratensis*). A very widely distributed species, and without a rival as a pasture grass. Being of perennial habit it will when established, last indefinitely. One of the finest varieties of grasses for use in lawns, owing to the thick growth of sod (B. B.) Sow 14 lbs. per acre. Price, per lb., 50c; per bu., \$5.60; per 100 lbs., \$40.00.

Horn Seeder. Adjustable for seeding any amount per acre, each, \$1.00, postpaid.



Cahoon's Broadcast Seed Sower. This machine will sow. Wheat, Rye, Oats, Barley, Hemp, Timothy, Clover, Millet and Hungarian seed, throwing from 8 to 20 feet on each side of the operator, \$3.50.

Cyclone Seed Sower. It will sow as fast as you can walk, and the quantity can be regulated to any amount to the acre. By mail postpaid, \$2.20. Not prepaid, \$2.00.

Crimson, or Scarlet Clover (*Trifolium incarnatum*). An annual variety producing large crops of green foliage (C. B.) Sow 20 lbs. per acre. Price, per lb., 25c; per bu., \$9.00.

Alfalfa, or Lucerne (*Medicago sativa*). Northwestern. One of the most valuable forage plants (C. B.) Sow 20 lbs. per acre. Price, per lb., 35c; per bu., \$12.50.

Alfalfa, Grimm. Certified. Much hardier than any other variety (C. B.) Sow 20 lbs. per acre. Price, per lb., 50c; per bu., \$22.00.

Alsike (*Trifolium hybridum*). The hardest of all Clovers, can be cut several times in one season. Grows well on low, wet land (C. B.) Sow 10 lbs. per acre. Price, per lb., 40c; per bu., \$14.00; per 100 lbs., \$23.00.

Mammoth Red, or Pea Vine. Grows much taller than Medium Red Clover (C. B.) Sow 10 lbs. per acre. Price, per lb., 40c; per bu., \$16.00; per 100 lbs., \$26.50.

Medium Red (*Trifolium pratense*). Domestic. This is the common Red Clover so largely grown throughout the country (C. B.) Sow 15 lbs. per acre. Price, per lb., 40c; per bu., \$15.00; per 100 lbs., \$25.00.

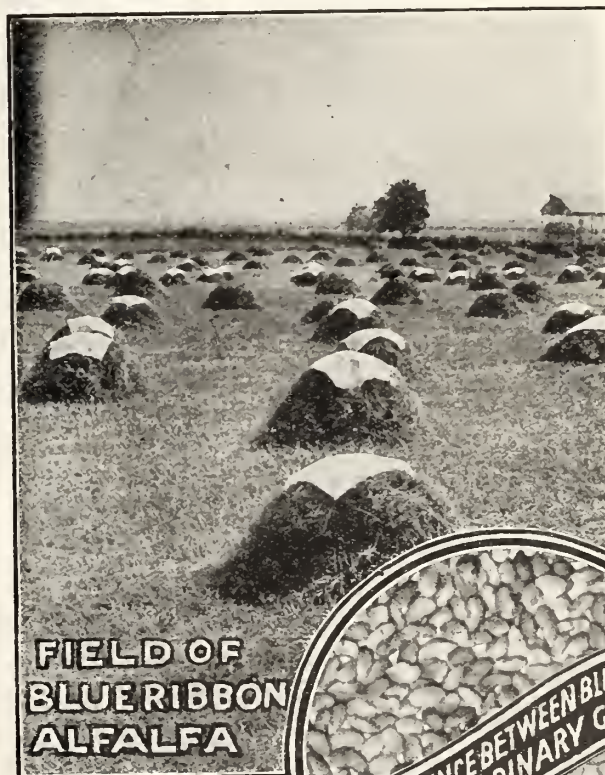
Sweet Clover, Bokhara (*Melilotus alba* also yellow blossom). Will grow on very poor soils; useful for ensilage and plowing under. Grows from 3 to 4 ft. high. Hulled seed (C. B.) Sow 15 lbs. per acre. Per lb., 20c; per bu., \$6.00; per 100 lbs., \$10.00.

White Clover. (*Trifolium repens*.) The best variety for lawns; valuable in permanent pastures (C. B.) Sow 10 lbs. per acre. Price, per lb., 75c; per bu., \$30.00; per 100 lbs., \$50.00.

Korean. (*Lespedeza*). This is particularly suitable for waste lands, woodland pastures, grows fairly well on poor soils, and spreads rapidly; and when once established, usurps wild growths, and will in many cases even subdue broom sedge. It is not, however, a pest, and can be gotten rid of by plowing it up, and is excellent as a fertilizer. Sow broadcast in the spring during March or April, at the rate of about 10 pounds per acre. Price, postpaid, per lb., 60c; 10 lbs., \$5.00; sacked, bushel, \$11.25.

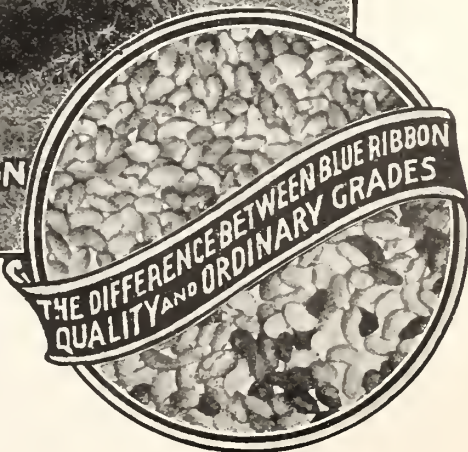
Japan Clover. (*Lespedeza Striata*). Low growing. Fine pasture. Postpaid, per lb., 30c; not postpaid, per bu., \$3.50.

Bermuda Grass. Used in the southern states for Lawns (C. S.) Sow 35 lbs. Price, per lb., 55c; per 100 lbs., \$40.00.



**FIELD OF
BLUERIBBON
ALFALFA**

**BUY QUALITY SEED
AND BE SATISFIED**



Blue Ribbon Grass Seeds

For Pasture and Hay Crops



Orchard Grass. A good grass for hay crop, yielding nearly the same amount as Timothy. Orchard

Grass will grow on almost every soil. One of the best grasses for sowing in shady places and among fruit trees in orchards. 35 to 40 lbs. required for one acre (B. B.) Sow 14 lbs. per acre. Price, per lb., 35c; per bu., \$2.50; per 100 lbs., \$18.50.

Red or Creeping Fescue (*Festuca rubra*.) Resists extreme drought, thrives on gravelly banks and exposed hills. Excellent for Lawns and Putting Greens, 25 lbs. per acre (C. S.) Sow 14 lbs. per acre. Price, per lb., 60c; per bu., \$7.00; per 100 lbs., \$50.00.

Red Top, Fancy Cleaned (*Agrostis vulgaris*.)

A highly recommended grass for permanent pasture and as meadow grass for hay. Red Top is especially valuable for sour and acid soils, and meadow lands. Red Top makes one of the best grasses for lawn use, either sown alone or in connection with White Clover, or in a mixture with other grasses. Use 14 to 16 lbs. to acre (C. S.) Sow 14 lbs. per acre. Price, per lb., 35c; per bu., \$3.50; per 100 lbs., \$25.00.

Rough Salked Meadow Grass (*Poa trivialis*.) A spreading, stoloniferous rooted grass. Adapted for shady lawns, and pasture mixtures (B. B.) Sow 14 lbs. per acre. Price, per lb., 75c; per bu., \$9.25; per 100 lbs., \$65.00.

Sheep Fescue (*Festuca ovina*.) A small tufted, hardy grass, of value in mixture for lawns or dry soil (C. S.) Sow 14 lbs. per acre. Price, per lb., 50c; per bu., \$5.00; per 100 lbs., \$32.00.

Tall Meadow Oat Grass (*vena elatior*.) A fibrous-rooted perennial; flowers in July; of luxuriant growth, and valuable in permanent pasture on account of its early and late growth (B. B.) Sow 10 lbs. per acre. Price, per lb., 25c; per bu., \$2.25; per 100 lbs., \$20.00.

Timothy, or Herb Grass (*Phleum pratense*.) The standard hay of commerce. Timothy sown alone requires about 20 lbs. per acre; when sown with Red Clover use 15 lbs. Timothy and 5 lbs. Red Clover (C. S.) Sow 45 lbs. per acre. Price, per lb., 20c; per bu., \$5.00; per 100 lbs., \$11.00.

Wood Meadow Grass (*Poa nemoralis*.) Excellent for shaded positions in lawns and woodland parks. Very hardy, resisting extremes of heat and cold (C. S.) Sow 14 lbs. per acre. Price, per lb., \$1.00; per bu., \$12.00; per 100 lbs., \$85.00.

Creeping Bent Grass (*Agrostis Stolonifera*.) Desirable for mixing with other lawn or pasture grasses (C. S.) Sow 15 lbs. per acre. Per lb., \$3.00; per bu., \$45.00.

Created Dogstail (*Cynosurus cristatus*.) Roots fibrous and tufted; perennial. This is a most valuable permanent pasture grass. For parks this grass is well suited because of its fine, close growth and pleasant green color (C. S.) Sow 20 lbs. per acre. Price, per lb., \$1.10; per bu., \$20.00; per 100 lbs., \$100.00.

English Rye Grass (*Lolium perenne*.) Produces a strong growth in four or five weeks after sowing. Sow 60 lbs. to acre (B. B.) Sow 24 lbs. per acre. Price, per lb., 30c; per bu., \$3.00; per 100 lbs., \$12.00.

English Rye Grass (Pacey's.) A carefully selected, short-seeded, dwarf-growing strain, suitable for lawns (B. B.) Sow 24 lbs. per acre. Price, per lb., 35c; per bu., \$4.50; per 100 lbs., \$18.00.

Fine Leaved Fescue (*Festuca ovina tenuifolia*.) Suitable for lawns and putting greens (C. S.) Sow 16 lbs. per acre. Price, per lb., 80c; per bu., \$11.50; per 100 lbs., \$70.00.

Hard Fescue (*Festuca duriuscula*.) A slender, densely tufted perennial grass, 1 to 2 ft. high. Thrives on dry, sandy soils (C. S.) Sow 14 lbs. per acre. Price, per lb., 50c; per bu., \$6.00; per 100 lbs., \$42.00.

Meadow Fescue, or English Blue Grass (*Festuca pratensis*.) Root creeping; perennial; flowers in July; one of the most valuable of the Fescue grasses. This grass is well adapted for permanent pastures. It should be always mixed with other grasses (B. B.) Sow 15 lbs. per acre. Price, per lb., 35c; per bu., \$4.50; per 100 lbs., \$25.00.

New Zealand, or Chewing's Fescue (*Festuca rubra*.) Resists extreme drought; thrives on inferior soils, gravelly banks and exposed hills. 25 lbs. to acre (B. B.) Sow 14 lbs. per acre. Price, per lb., 40c; per bu., \$3.75; per 100 lbs., \$30.00.



Cow Peas and Soy Beans

Cow Peas

2½ bu. to The Bag.

Mixed. A general mixture of good standard varieties which are used largely for forage and improving the soil. Produces rank foliage. \$3.00 bu., sacked.

New Era. Are two or three weeks earlier than Whippoorwill and make a heavier growth of vine. The seed is small, but a large amount of it is produced on the vines. Erect growth, \$3.10 bu., sacked.

Whippoorwill. Best early variety for hay and forage. An excellent soil improver but does not produce as much foliage as the Mixed and Black Cow Peas. Bush variety \$3.25 bu., sacked.

Blacks. Little later than the Whippoorwill, but produces more foliage. One of the best of all vine varieties for forage and soil improvement. \$3.25 sacked.

Brabham. One of the best early varieties for hay and forage. Upright in growth, \$3.50 bu., sacked.

Clay. An excellent variety for forage and soil improvement. Trailing and a rank grower. Vining variety. \$3.25 bu., sacked.

Soja or Soy Beans

Sow 1½ bu. per Acre Broadcast

Virginia Yellow. On account of its abundant growth and large yield of beans, the Virginia makes most excellent hay and ensilage. As it is about 20 days earlier than Mammoth Yellow. Per bu., \$2.25 sacked.

Virginia Brown—Similar to the Yellow variety. Per bu., \$3.00.

Mammoth Yellow. Is one of the largest growers among soy beans. Per bu., \$2.25 sacked.

Hollybrook. Earlier than the Mammoth Yellow. Fine for hay, forage and beans. Matures in about 130 days. \$1.85 bu., sacked.

Laredo. A new soy bean, very desirable for hay in Kentucky and the South. Stools like orchard grass, holds its beans exceptionally well and is not subject to wilt. 1 lb., 25c; postpaid. \$3.75 bu., sacked.

Mid-West. An early, yellow hay bean, much used here. \$1.85 bu., sacked.

Wilson Early Black. Average height on good land is about 3 feet. Matures in about 115 days. Per bushel \$3.50 sacked.

Early Lexington Soy Bean. Unrivalled for the North and South. Extremely early. Produces heavy hay and grain crops. Grows upright, making excellent forage or hay. Recommended by the Lexington Agricultural Experiment Station, from which it gets its name, as being one of the finest of the early maturing varieties. Splendid for late planting. Per bu., \$3.50 sacked.



Cow Peas Make More Hay

Selected Oats Seed

Write for Prices on Quantities when ready to buy.

White Spring Oats. Usually preferred for thin land. Heavy producer. Bu., 70c, sacked.

Burt or Ninety Day Oats. One of the most popular of the early varieties. Excellent for grain and hay. Bu., \$0.80, sacked 5 bu. bags.

Texas Red Rust Proof Oats. Carefully re-cleaned, genuine Southern grown. 80c, sacked 5 bu. bags.

MILLET

True Tennessee Grown Cultivated Golden. Sow 1 to 1¼ bushels per acre, broadcast. Pk., \$1.00; postpaid, bu., \$2.50, sacks 35c extra.

RAPE

Dwarf Essex. The quickest growing forage crop produced, ready to pasture within 60

days. Invaluable for hogs, sheep and poultry. A good crop of rape will carry more hogs during hot, dry weather than four times the amount of land planted to anything else. Sow four to six pounds per acre. 1 lb., 25c; 10 lbs., \$2.20; Post paid. 50 lbs., \$6.00; 100 lbs., \$10.00. F. O. B. Louisville, Bag 35c extra.

Sorghum or Cane

Sow 1 pk. per Acre.

Honey Dew or Syrup Cane. 1 lb., 20c; postpaid. 12 lbs., or pk., 85c; 50 lbs., \$3.00.

Red Top Sorghum. 1 lb., 20c; postpaid. 12 lbs. or pk., 85c; 50 lbs., \$3.00.

Early Amber Sorghum. 1 lb., 20c; postpaid. 12 lbs., or pk., 85c; 50 lbs., \$3.00.

Early Orange Sorghum. 1 lb., 20c. 12 lbs. or pk., 85c; 50 lbs., \$3.00.

SUDAN GRASS—One of the greatest drought-resisting forage and fodder crops grown. Sow 8 lbs. per acre. It will yield from eight to twelve tons of hay per acre. Per lb., 25c; 10 lbs. at 20c per lb.; postpaid.

JAPANESE BUCKWHEAT. Biggest grain money-maker for poor land. Does better than corn on poor land. Sow 1½ bushels per acre broadcast during June, July and August. Bu., \$2.00; 5 bu. lots, \$1.90 per bu., bags included.

BARLEY—Bearded—Sow 1½ bu. per acre. Price, \$1.35 per bu.; 5 bu. lots, \$1.50 bu.; 25 bu., \$1.25 bu. sacked.

BROOM CORN—Dwarf Oklahoma—A dwarf variety, universally used. Per lb., 25c postpaid; 10 lbs., \$1.50; 50 lbs., \$7.00, sacked.

EVERGREEN—Tall variety. Desirable for long staple brooms. Per lb., 25c postpaid; 10 lbs., \$1.50; 50 lbs., \$7.00, sacked.

CANADA FIELD PEAS. Canada Field Peas should be sown in February or March, weather permitting. They make large yields of most nutritious hay, cut either green or cured for hay. They should be sown one and a half to two bushels per acre with one-half bushel spring oats. Pk., \$1.25; bu., \$4.00, sacked.

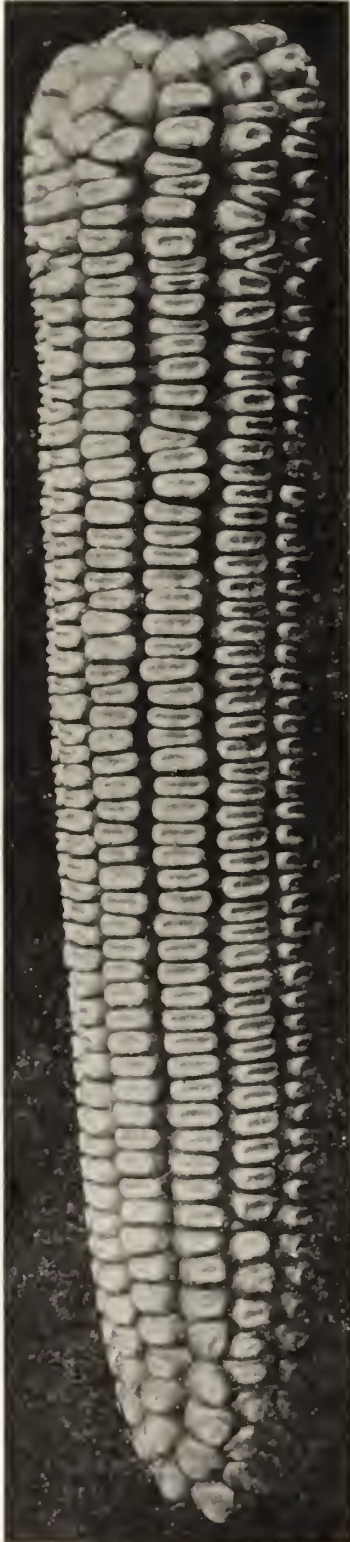


Virginia Brown Soy Bean

Blue Ribbon Field Seed Corn

WHITE VARIETIES

Johnson County White Dent. A very highly bred White Corn, of large size. It is medium late-maturing variety. The ears are from 9 to 11 inches in length and $7\frac{1}{2}$ to 8 inches in circumference containing from 18 to 22 rows. The cob is medium in size and white in color and butts of ears deeply rounded with medium shank. Tips



Iowa Silver Mine Corn

of ears fill well, a large per cent being completely covered with grain. 1 pk., 75c; 1 bu., \$2.50; 5 bu., \$2.40 per bu. Sacked.

Blue Mountain Ensilage. This is truly a remarkable corn, producing an immense amount of fodder and an exceedingly heavy crop of long, slender ears of grain of the finest milling and feeding quality. 1 pk., \$1.25; 1 bu., \$4.00; 5 bu., \$3.75 per bu. Sacked.

Hasting's Prolific Corn. Hasting's Prolific Corn is acknowledged by many stock feeders and dairymen as the best of all ensilage varieties. The stalks grow from 8 to 12 feet tall, bearing three to four ears to the stalk. The stalks are stout, deep rooted and stand up well under winds. Good land has been known to produce from four to six well filled, medium size, well shaped ears. The grain is deep, hard and white. The ears are medium to small, protected by tight-fitting shuck. Hasting's Prolific Corn matures in 120 to 130 days, is a splendid corn for roasting ears, grain production, milling purposes and general feeding. Pk., \$1.00; bu., \$3.00; 5 bu. at \$2.85 per bu.

Hickory King. This variety is immensely popular and justly so on account of its heavy yield, both of grain and fodder. While the ears are short, they more than make up for this in the large size of the grain. There are usually two and sometimes three ears on a stalk and the grain is the very highest quality for milling and feeding. 1 pk., 75c; 1 bu., \$2.75; 5 bu., \$2.65 per bu. Sacked.

Iowa Silver Mine. One of the best early white corns, which matures in this locality in 85 days. It is pure white, grain is solid, dented, and produces fine meal. Ears are of good length, symmetrical, well filled; grains are deep, narrow, averaging 18 to 20 rows, solidly packed on the cob. Our stock is Iowa grown. 1 pk., 75c; 1 bu., \$2.50; 5 bu., \$2.40 per bu. Sacked.

Improved Boone County White. The ears are 8 to 11 inches long, $7\frac{1}{2}$ to 8 inches in circumference, averaging from 12 to 18 ounces; cob is medium long, grain pure white, remarkably well filled out, both tips and butts. 1 pk., 75c; 1 bu., \$2.50; 5 bu., \$2.40 per bu. Sacked.

Mammoth Red Cob White Dent. One of the best all-round white sorts for rich land, producing large crops of fine quality corn. The ears averaging about 10 in. in length, of uniform size and great depth of grain, rows 18 to 34 on red cobs, well filled. 1 pk., 75c; 1 bu., \$2.50; 5 bu., \$2.40 per bu. Sacked.

YELLOW VARIETIES

Early Yellow Dent. An early variety of yellow corn well suited to Southern needs, producing one to two good ears to the stalk. The ears will average from 10 to 12 inches, grain slightly dented, rich in color and fine feeding quality. 1 pk., 85c; 1 bu., \$2.50; 5 bu., \$2.40 per bu., sacked.

Southern Prize Yellow Dent—We believe this is one of the earliest of all varieties of Yellow Corn. It has a very rich orange yellow color and runs very high in oils. The ears are from 11 to 12 inches long, the grain comparatively deep but not as long and yellow as the Reids Yellow Dent. The cob is small and well filled at both ends.

Price, pk., \$1.00; bu., \$3.00; 5 bu. lots, \$2.75 per bu., sacked.

Reids Yellow Dent. Our grower of this variety of corn advises us this season that he has just harvested one of the finest crops he has ever grown. Thru hand selection and careful rogueing his seed stocks have been brought up to a place where they are the envy of his neighbors. The grains are plenty, deep, slightly dented and a rich yellow color. Pk., 75c; bu., \$2.50; 5 bu. lots, \$2.40 sacked.

Golden Ensilage—A Rich Golden Grain Fairly long ear; medium grains; great fodder producer. One of the best yellow ensilage corns on the market. Pk., \$1.00; bu., \$4.00.



Reid's Yellow Dent Corn

Rock Gardens

The Latest Vogue in Special Gardening --- Which affords a wonderful opportunity for individual taste and achievement



The Latest Vogue in Special Gardening

How to make a Rock Garden

Every one is making rock gardens these days; even on a small lot there is some place where a tiny rock garden may be tucked away. Compactness in a small lot is one of its most alluring charms. Larger slopes and areas do not lend themselves well to compactness and are much better suited for naturalized rock gardens. By this we mean rocks placed and laid irregularly, so as to imitate a masterful stroke of nature. Pigmy mountains and small valleys can be built in either types of gardens, rugged rocks with a trickle of water imitate a mountain stream, and pools comparatively flat and irregularly finished, so as to hide artificial bases, reflect mountain lakes.

Locations

A spot in full light and air, away from the shade of trees is ideal. A great number of plants will lend themselves readily to a condition of this kind, quite as many as those, which are best suited to shade and dampness. Shady corners on slopes or terraces also lend themselves ideally to the making of rock gardens. If you have any natural outcrop of rock about the grounds, an additional building up will make itself into a rock garden, for which anyone could claim distinction.

Planning

Make a rock garden a real product of nature in miniature. Strive for natural surroundings for rock-loving plants and then select plants to fit the surroundings. This is very important. Your rock garden may be just a wall or large enough for ridges, valleys, and even bogs. The plan may be anything your fancy dictates. Elaborate arrangements are nicely suited for some locations, even to the extent of mak-

ing a Japanese Garden. Other locations will only stand a natural effect. Never attempt to make a garden until you can picture in your mind's eye just what would be best suited for the particular location. After they are arranged, they can not be very well changed, as you must build permanently. By permanently, we mean the arrangements must be made whereby the rocks will stay in the position in which you place them, otherwise, the whole effect will be destroyed. They cannot be made quickly, TAKE YOUR TIME.

Rock

The best rocks to be used in this location are those, which we find in outcropping ledges of limestone, which have been exposed to the erosion and other effects of the weather and water. These rocks have had all of the excessive soft portions of limestone eroded from them, and they are left pitted and even holes penetrating the whole rock. Pockets are abundant, natural ones. You can use with impunity any rock to which you find moss clinging. This is the best indication we know of, that it will be suitable for a rock garden. Quarried rocks or building stones, freshly cut, do not make suitable rock gardens, as the lines are angular and stiff, and they do not blend well with the natural gardens, which we see in the outlying districts. Stone of various sizes and shapes can be used, being sure to blend them together properly, using large and small stones where the occasion requires. All small stones make the garden ineffective, and the same thing applies to all large stones.

Construction

Place all the rocks, especially on slopes, where they will remain in the position that you originally place them. If yours is going to be a compact miniature garden, by all means place the rocks, so that the dirt may be tamped in between them, so as to form pockets. Pockets must not be too small in larger gardens where the stones are outcropping from a terrace or slope, and this is not so important, as the soil then can be treated on a much larger scale and differently. You are making pockets in your garden for the purpose of controlling the soil conditions.

Some plants require acid conditions, which are very easily obtained, and others require an alkaline condition. Plants suited for the acid conditions must be planted where they will be happy and vice versa. Never place the rocks where they will shed the water down the slope or away from your rocks. They must be tilted in their construction, so they will shed the water into the garden. Most rock gardens must have soils in their make-up, which are suitable for holding moisture, thereby giving them an opportunity to absorb the water being shed from the rocks. The rocks work together with the soil to form a storage tank for maintaining moisture throughout the period when moisture is not abundant. The soil must in every condition be rammed tightly and closely around the rocks, all crevices and spaces thereby being filled. The tilting of rocks applies in all types of rock gardens, as well as wall gardens, and is a very important essential.

Soil

Leaf mold, peat moss, turf from the woods, if well decayed; old sod and vegetable fiber, all when mixed with the large, loose loam, which abounds in this territory, create the best soil condition for rock gardens.

Planting

Rock plants, should preferably be put out in spring, but they can be planted in the fall in this latitude, provided it is done early. In putting out the plants, be careful to spread out the roots, as most of them are special growing and must have all the happy conditions offered. The weeds must be kept out and the plants must be allowed to take a firm hold and get well set before any attempt at watering is done. The small fibrous roots of the plants of this nature seem to hold in a bunch tightly to the soil in which they grow, and when the roots have accomplished their purpose, watering will not seriously effect them.



Choice of Plants

We have made several lists of plants suited for various locations and to various pocketbooks. We recommend to you only those plants of hardy, perennial nature. Annuals can be attempted from time to time, if you care to change a portion of the color schemes for a certain year. There are a great number of annuals that can be used as masses, borders, and creepers. The heights and colors are mentioned for your guidance. It is quite a task to try to give a very complete list, as there are so many varieties of rock plants, and they are all different in color, height, and nature. Those, which we have listed, are best adapted for this territory and are happy. Tufted plants with rosettes of foliage, which flower profusely, such as *Heuchera* and *Saxifragas* are best suited for small crevices. Dwarf Plants such as *Aster Mauve Cushion* and *Anemone* are good for flat areas above drooping types. Place the trailing plants where they can droop over the face of the rocks. For bulking always use drooping plants, such as *Alyssum Saxatile*, *Cerastium*, *Iberis Semperivens*, and *Phlox Sublata* are the best. For plants creating mats or carpeting effects, use *Veronica Rupestris*, *Dianthus Deltoides*, and *Thymus*. There are a number of others, which you will find included in the list. Quite a few of the larger rock gardens include in their makeup various types of *Azaleas*, *Rhododendrons*, *Trailing Pines*, such as *Juniper Savin*, *Muglio Pines*, and *Ground Pines*.

OUR OFFICE WILL ALWAYS BE AT YOUR COMMAND AND A COMPETENT MAN WILL BE SENT TO DISCUSS WITH YOU PLANS FOR MAKING SUCH A GARDEN. OR PLANTING IT, OR ADVICE ABOUT ITS CARE.

OFFER "B"

	COLOR	HEIGHT
5 <i>Alyssum Argentium</i>	White	15 in.
7 <i>Bellis Perennis</i>	Red, pink and white	6 in.
7 <i>Dicentra Eximia</i>	Pink	12 in.
5 <i>Dianthus Deltoides</i>	Crimson red	12 in.
5 <i>Gentiana Andrewsii</i>	Deep blue	6 in.
5 <i>Heuchera Rosamundi</i>	Pink	24 in.
5 <i>Mertensia Virginica</i>	Blue	10 in.
3 <i>Myosotis Alpestris</i>	Blue	6 in.
3 <i>Saxifraga Virginensis</i>	White	4-6 in.
3 <i>Sedum Sarmmentosum</i>	Foliage Emerald Green	12 in.
7 <i>Trillium Grandiflorum</i>	White	12 in.

55 Plants Value \$13.75—Price \$11.00 Delivered to you.



Collection of Worthy Rock Plants

at Popular Prices for Exposure to the Sun



OFFER "A"

	COLOR	HEIGHT
5 <i>Achillea Tomentosa</i>	White	14 in.
5 <i>Alyssum Argentium</i>	Yellow	15 in.
5 <i>Aster Mauve Cushion</i>	Mauve	3 ft.
5 <i>Bellis Perennia</i>	Red, Pink, White	6 in.
5 <i>Campanula Carpatia Alba</i>	White	16 in.
5 <i>Dicentra Eximia</i>	Pink	12 in.
5 <i>Dianthus Deltoides</i>	Crimson Red	12 in.
5 <i>Funkia Coerulea</i>	Blue	12 in.
5 <i>Gentiana Andrewsii</i>	Deep Blue	6 in.
5 <i>Geum, Mrs. Bradshaw</i>	Fiery Red	18 in.
5 <i>Gypsophelia Repens</i>	White and Pink	18 in.
5 <i>Heuchera Rosamundi (Coral Bells)</i>	Pink	24 in.
5 <i>Lychnis-Viscaria Splendens</i>	Red	8 in.
5 <i>Mertensia Virginica</i>	Blue	10 in.
5 <i>Myosotis Alpestris</i>	Blue	6 in.
5 <i>Phlox Sublata</i>	Pink and White	4 in.
5 <i>Platacodon Mariesi Alba</i>	White	14 in.
5 <i>Saxifraga Virginensis</i>	White	4-6 in.
5 <i>Sedum Sarmmentosum</i>	Foliage Emerald Green	12 in.
5 <i>Veronica Repens</i>	Blue	2 in.

100 Plants Value \$21.60—Price \$17.00 Delivered to you.

OFFER "C"

	COLOR	HEIGHT
5 <i>Alyssum Argentium</i>	White	15 in.
5 <i>Bellis Perennis</i>	Red, Pink and White	6 in.
5 <i>Dianthus Deltoides</i>	Crimson Red	12 in.
8 <i>Mertensia Virginica</i>	Blue	10 in.
4 <i>Myosotis Alpestris</i>	Blue	6 in.
3 <i>Sedum Sarmmentosum</i>	Foliage Emerald Green	12 in.

30 Plants Value \$7.50—Price \$6.00 Delivered to you.

OFFER "D"

8 <i>Anchusa Myosotidifolia</i>	8 <i>Phlox Divaricata Canadensis</i> , Lavender, 10 inches
8 <i>Anemone Hupehensis</i>	8 <i>Primula Auricula</i>
8 <i>Campanula Carpatia Alba</i>	8 <i>Ferns, Wood Fern</i>
8 <i>Corvaldaria Majalis</i>	8 <i>Saxifraga Cordifolia</i>
8 <i>Hepatica Coerulea</i>	8 <i>Trillium Grandiflorum</i>
8 <i>Heuchera Rosamundi</i>	
8 <i>Myosotis Palustris</i>	

48 Plants Value, 11.50

96 Plants Value, \$23.00
Price \$18.50 Delivered to you.

ALPINE PLANTS FOR WALL GARDENS, TRAILING MORE OR LESS IN THEIR HABITS

- 6 *Alyssum Argentium*, Yellow.
- 6 *Arabis Alpina Flore Pleno*, White.
- 4 *Arenaria Montana*, White.
- 4 *Aubretia Eyri*, Rosy Lilac.
- 6 *Campanula Carpatia*, Blue.
- 4 *Cheiranthus Allioni*, Orange.
- 8 *Dianthus Arenarius*, White with carmine ring.
- 4 *Euphorbia Myrsinites*, Yellow.
- 6 *Geranium Argentium*, Silvery Leaves.
- 8 *Lychnis Alpina*, Rose.
- 8 *Penstamen Pubescens*, Violet.
- 6 *Sedum Sarmmentosum*, Foliage colored.
- 6 *Sempervivium Tectorium*, Foliage colored.
- 8 *Veronica Amethystina*, Blue.

42 Plants Value\$15.00
Price—\$12.50 Delivered to you.

84 Plants Value\$30.00
\$23.50 Delivered to you.

Hardy Ferns

Collections of Hardy Ferns bound to please lovers of wild gardens

THE COLLECTIONS ON THIS PAGE ARE PRICED DELIVERED TO YOU—COLLECTIONS CANNOT BE CHANGED

Collection No. 1

No. 1, \$5. For Open Sun Culture

This collection is desirable for the open border, and all the Ferns, being rather tall, can be grown as single specimens or for massing, with or without flowers.

- 5 *Onoclea Struthiopteris*, (Ostrich) 2 to 4 feet.
- 5 *Osmunda Claytoniana*, (Wooly) 2 to 3 feet.
- 20 *Dicksonia punctilobula*, (Hay Scented), 1 to 2 feet.
- 5 *Asplenium Filix-foemina*, (Lady Fern) 2 to 3 feet.

Collection No. 2

No. 2, \$5. For Dry, Shady Places

These Ferns will grow in a dry, shady place. Plant them where flowers, as a rule, do not thrive.

- 10 *Aspidium acrostichoides*, (Christmas Evergreen) 1 foot.
- 10 *Aspidium marginale*, (Wood Fern) 1 to 2 feet.
- 10 *Dichsonia punctilobula*, (Gosamer) 1 to 2 feet.
- 5 *Osmunda Claytoniana*, (Wooly) 2 to 3 feet.

The following collections are made up to help in selecting for special needs, and should be sent by express or freight.

If to be planted in beds, the height given after each kind will indicate where it should go. If in beds where they are to be seen from all sides, the tall kinds in the center; but if in an angle of the house or wall, plant the taller kinds the farthest back, 8 inches or a foot from the wall, and the smaller kinds in front.

Collection No. 3

\$6. For Moist, Shady Places

This collection is fine and easily handled in moist, shady places; also for large rockery.

- 5 *Adiantum pedatum*, (Maiden hair), 1 foot.
- 5 *Aspidium cristatum*, (Crested Wood), 1 foot.
- 5 *Aspidium acrostichoides*, (Christmas), 1 foot.
- 5 *Aspidium spinulosum*, (Sinulos), 1 to 1½ feet.
- 5 *Aspidium marginale*, (Evergreen), 1 to 2 feet.
- 5 *Asplenium thelypteroides*, (Silvery), 2 to 3 feet.
- 5 *Asplenium Filix-Foemina*, (Lady Fern), 2 to 3 feet.
- 5 *Phegopteris hexagonoptera*, (Beech Fern), 1 foot.
- 5 *Woodwardia virginica*, 2 feet.

Collection No. 4

No. 4, \$5. For Wet, Open Ground

These Ferns are very useful for border of a lake or low, wet ground.

- 10 *Aspidium Thelypteris*, (Marsh Shield), 1 foot.
- 10 *Onoclea sensibilis*, (Sensitive), 1 foot.
- 10 *Osmunda regalis*, (Flowering), 2 to 3 feet.
- 10 *Woodwardia virginica*, 2 feet.

Collection No. 5

No. 5, \$5. Low Evergreen Ferns for Dry, Rocky Ledge

- 10 *Asplenium Trichomanes*, (Maiden hair), 3 to 6 in.
- 10 *Woodsia obtusa*, (Obtuse Woodsia), 6 to 12 inches.
- 10 *Polypodium vulgare*, (Common), 4 to 10 inches.
- 10 *Woodsia ilvensis*, (Rusty woodsia), 6 inches.

Water Lillies

Collection No. 1

5 of the finest night blooming water lilies.

- Besset—Rose, Pink.
- Frank Treleasi—Dark Crimson.
- Juno Magnificent—White.
- Omanara—Variegated Pink.
- Ruba Rosea—Rosy Carmine.

One each value, \$10.00.
Collection Price, \$8.50.

Mail or express charges to be paid by Seller.

Collection No. 2

Seven most popular day blooming lilies.

Red, White, Blue, Pink, Lavender, Purple of the finest varieties.

List, \$20.50; Collection price, \$17.00

Mail or express charges paid by Seller.

WATER LILLIES—We do not attempt to carry these plants in stock as their very nature does not permit any long time storage. We have listed several collections with reasonable prices. All orders placed with us will be ordered immediately from the specialist in this line. We insure the safe arrival and conditions of any stock shipped in the way mentioned above. The collections cannot be changed, but must be accepted as a whole. Selections from any collection offered will be charged at the regular price which will be about 33⅓% higher. The collections are offered you at a reduced price by the grower to reduce stock of particular varieties which he may have in an over supply. All varieties offered however are of the finest kinds and are selected to produce beautifully together in pools.

LOTUS—

- American—Yellow, Tubers, \$2.00
- Chinese—Red, Tubers, \$3.50.
- Egyptian—Pink, \$2.00.
- Water Hyacinth—Lavender, 3 for 50c; \$1.50 per doz.

Seller pays transportation.

Collection No. 3

5 popular priced, hardy varieties.

- Chromatilla—Clear rich Yellow, \$2.00
- Gladstone—Clear White, \$2.00.
- Pink Opal—Rich Pink, \$2.00.
- Aurora—Red Orange, \$2.00.
- Jos. Brydna—Crimson, \$3.00.

Value, \$11.00, Collection Price, \$9.75

Seller pays transportation.

Collection No. 4

5 well known varieties of established merit.

- Eugenia De Land—Rose Pink, \$1.50.
- Hojatcong—Pure White, \$0.75.
- W. B. Shaw—Pink, deep, \$1.25.
- Yellow Pigmy—Yellow, \$1.00.
- Odorato Miner—White, \$1.00.

Value, \$5.50, Collection, \$4.75.

Seller pays transportation.

INDEX

	Page		Page
Alfalfa	37	Lettuce	8
Artichokes	2	Lillies	27
Asparagus	2	Lawn Grass	Front Cover
Asparagus Roots	2	Melon—Water	9
Beans—Dwarf Stringless	3	Musk	8
Lima	4	Millet	39
Pole	3	Mustard	8
Wax	3	Nitrate of Soda	36
Soy	39	Nozzles	35
Cornfield	3	Oats	39
Bone Meal	36	Okra	8
Buckwheat	39	Onion	8
Barley	39	Orchard Grass	38
Beets—Table and Stock	4	Parsnips	10
Brocoli	4	Parsley	10
Broom Corn	39	Peas—Edible	10
Brussel Sprouts	4	Sweet	23
Butylizer	1	Cow	39
Caladiums	33	Canada	39
Cabbage	5	Perennial Plants	24-31
Cannas	33	Peppers	9
Celery	5	Peanuts	10
Carrots	5	Peat Moss	36
Cauliflower	5	Potatoes	13
Celeriac	6	Pumpkin	10
Chevil	6	Radish	11
Chicory	6	Rape	38
Collard	6	Red Top	38
Corn Salad	6	Rhubarb	11
Corn—Sweet	6	Rutabaga	12
Field	40	Roses	32
Pop	6	Rock Plants	41-42
Cucumber	7	Salsify	11
Climbers	31	Spinach	11
Clover Seed	37	Sprayers	35
Dahlias	31	Squash	11
Egg Plant	7	Swiss Chard	4
Endive	7	Sheep Manure	36
Fertilizer	36	Sulphate of Ammonia	36
Ferns	42	Stim-U-Plant	36
Flower Seed	15-23	Sorghum	39
Gladiolia	33	Sudan Grass	39
Grass Mixtures	37	Timothy	38
Grass Seed	38	Tomatoes	12
Herbs	13	Tobacco	14
Insecticides	34	Turnip	12
Kale	7	Tubs	35
Kohl Rabi	7	Vigero	36
Kentucky Blue Grass	38	Water Lilies	42
Leek	7		

WOOD STUBBS CO.
INCORPORATED

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Designers of Beautiful Home Grounds

SEEDS BULBS NURSERY STOCK
GARDEN FURNITURE

COUNTY _____

By ☐ PARCEL POST ☐ EXPRESS OR ☐ FREIGHT. Indicate whether order is to be sent by Parcel Post, Express or Freight by placing letter **X** in respective square, thus ☒

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WOOD STUBBS CO.

SEEDSMEN

LOUISVILLE, KY.

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SMALL FRUITS, PLANTS AND ROOTS

for Suburban Estate—Small Homes and the Farm



Vegetable Plants and Roots

Prices of Vegetable Plants are subject to change at time shipments are made.

Home Grown Cabbage Plants—Smallest amount, 25-35c; 50-60c; 100-75c; 1000-\$6.00; all postpaid.

Southern Grown Cabbage Plants—Smallest amount 100-50c; 500-\$2.50; 1000-\$4.00. Postage or express prepaid from Louisville only.

Shipped by Parcel Post or Express Prepaid from original southern shipping point; 500-\$1.50; 1000-\$2.75; 5000-\$11.00

Asparagus Roots—2-year Crown; \$2.00 per 100.

Cauliflower Plants—Snowball. Ready April, May and June. Doz., 35c; 100-2.50. Postpaid.

Celery—Golden Self-Branching, White Plume Winter Queen, or Giant Pascal. Extra strong, transplanted plants. Delivery July and August. 50-40c; 100-75c; 1000-\$7.00. Postpaid.

Chives—Clump; 20c each, postpaid.

Egg Plants—Ready in May and June. Grown in pots. Doz., 35c; 100-\$2.50.

Horse Radish Roots, New Bohemian—A new variety which produces roots of enormous size and succeeds in every soil. Doz., 30c; 100-\$2.50.

Grow a crop of the finest onions this year from plants

Grow Kwik Onion Plants. Yellow and White Bermudas, Crystal Wax—100 plants 25c; 500-\$1.00; 1000-\$1.85. Express or Postage prepaid from Southern shipping point. If shipped from Louisville, 100 plants. 30c; 500-\$1.25; 1000-\$2.00. Express or postage prepaid.

ONION SETS

Three quarts will plant 100 yards of row.
By Mail Postpaid
1 lb. 5 lbs. 10 lbs.

Red Onion Sets	.....	\$0.39	\$1.25	\$2.25
Yellow Onion Sets	.....	.30	1.25	2.25
White Onion Sets	.....	.30	1.25	2.25
Japanese Yellow Onion Sets—Excellent for yield and quality	.....	.30	1.25	2.25
Garlic	.....	25.	1.25	2.45

Peppers—Ready in April and May. (Bell or Bull Nose). Long Red Cayenne. Doz., 35c; 100-\$2.00.

Rhubarb Roots, Victoria—Strong roots. Each, 15c; doz., \$1.50; 100-\$12.00.

Sweet Potato Plants—Ready in June. 100-70c; 1000-\$6.00, approximate prices only.
Tomato Plants—Ready in April and May. Dwarf Champion, Perfection, Ponderosa, Stone, etc. Doz., 30c; 100-\$2.00.

Strawberries

Always Productive, Always in Demand

We make the growing of strawberry plants a specialty and as they are planted in the spring only, we issue at that time an annual catalog, devoted principally to the description of varieties and complete cultural directions. The shallow root of the strawberry does not permit planting in the fall, as the alternate freezing and thawing or expansion and settling of the surface soils throughout our falls, winters and early springs will expose the roots and cause the loss of the plants. We hardly expect to have our usual lot of plants this year owing to lateness of planting in the spring.

EARLY—

Dunlap (S) Price per doz., 30c; 50 plants, 70c; 100 plants, \$1.00; 500 plants, \$4.00.
Gandy (S)
Aroma
Chesapeake

Everbearing—Doz., 50c; 50 plants, \$3.00; 100 plants, \$4.50; 1000 plants, \$42.50.

F. O. B. Louisville.

Grapes

The Universal Fruit

Who remembers a single complete failure? This ancient fruit will produce on any kind of soil, trained on any kind of trellis or fence, if given a speck of sunshine and a good foot hold. No fruit requires less attention, demands less space and bears as regularly and heavily.

After Care—Cut the first season's growth back and next year train two or three vigorous canes to stakes and thus form your frame work. Prune these severely again and always remember that the annual pruning is the "secret" of successful grape culture. It is a good practice to cut back the strong canes that break from your main stem to 3 or 4 buds or its equivalent, removing the weak canes entirely.

Black Rot is controlled by Bordeaux Mixture.

The grape beetle by arsenate of lead.

Prices—30c each; 10 for \$2.50; 100 for \$20.00.

If by Post add 10%.

BLACK GRAPES

Concord. This is without doubt the best general purpose grape grown. Its planting perhaps equals all the other varieties combined. Berry large. Bunches shouldered and compact.

Ives. For hardiness and productiveness this grape has no equal. Quality not equal to Concord, but ripens earlier and will hang on the vine until shriveled. To mix with Concord for wine or grape juice it is unsurpassed.

Moore's Early. An extra early variety. Medium bunch, large berry and hardy. Is very reliable and does well wherever planted.

WHITE GRAPES

Martha. An old standard white grape of merit.

Niagara. The best white grape; bunch and berry large, meaty and juicy; flavor perfect. Well known.

RED GRAPES

Catawba. Standard late red grape that has lost none of its popularity. Season and quality make it indispensable.

Delaware. A well known red grape. Bunch and berry small, compact. Flavor unsurpassed. Not a strong grower; must be given good, rich soil.

Currants

The Bountiful Producer

Does best in the rich soils. When properly grown yields bountiful returns.

PLANTING—Set 3 to 5 feet apart and prune severely, that is, cut the canes in half so as to induce low branching.

Red Dutch—By far the most productive of the many kinds we have tested. Color of fruit a brilliant red, large berries borne in long clusters along the stems and quality is excellent. The white varieties have proven worthless in this climate.

Prices: Each, 35c; 5 for \$1.50; 100 for \$25.00.

Gooseberries

Postage can be followed C. O. D. if desired.

PLANTING—Space 4 to 6 feet apart. Prune tops back two-thirds and work soil well into the roots.

Downing—Fruit almost round, large, and juicy. Best quality. Whitish green color. does especially well in the North.

Houghton—Round, dark red when ripe; juicy, sweet. Thin, smooth skin. Medium size. The bush is hardy, very productive, free from mildew, and the best for general purpose in this section.

Prices: each 25c; 5 for \$1.00; 10 for \$2.00.

Raspberries

St. Regis. The Everbearing Red Raspberry.

Large, brilliant crimson, juicy and of high quality. Produces a heavy main crop and continues to produce until late August.

Cuthbert. Medium to large red.

Kansas. An old standard black variety.

Prices—75c per doz.; \$5.00 per 100.



Concord Grapes

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